ORDER NO. BSD0109M020

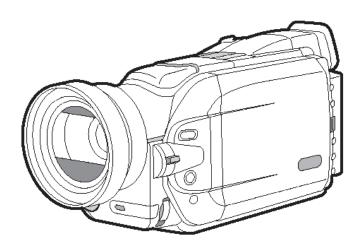
Service Manual

Mini DY PAL

MultiMediaCard™

AG-EZ50UP

Q3-MECHANISM



Please refer to the information of Q3-Mechanism (Order No.BSD0109M023) and Electrical Adjustment Procedures (Order No.BSD0109M024) are described in the CD-ROM Service Manual (Order No.BSD01101K0X).

Panasonic

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⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicans. Any attempt to service or repair the product or products deal with in this service manual by anyone else could result in serious injury or death.

Specifications

Digital Camera/Recorder Information for your safety

DC 7.8/7.2 V Power Source: Power Consumption: Recording

Recording Format: Mini DV (Consumer-use Digital Video

SD Format)

Tape Used: 6.35 mm digital video tape SP: 80 min.; LP: 120 min. (with Recording/Playback Time:

DVM80)

Recording System:

Digital Component EIA Standard: 525 lines 60 Fields Television System:

NTSC color signal

Audio

Video

PCM Digital Recording Recording System:

16 bit (48 kHz/2track), 12 bit (32 kHz/4track)

Image Sensor: 1/6-inch 3 CCD Image Sensor

Auto Iris, F1.6, Focal Length; Lens:

2.85-28.5 mm,

Macro (Full Range AF)

Filter Diameter: 37 mm

Zoom: 10:1 Power Zoom

3.5-inch Polycrystalline Silicon Active Matrix TFT LCD Monitor:

Finder: Color Electronic Viewfinder

Microphone: Stereo

1 round speaker 20 mm Speaker: Standard Illumination: 1,400 lx

Minimum Required Illumination:

Video Output Level: 1.0 Vp-p, 75 ohm

Y Output: 1.0 Vp-p, 75 ohm C Output: 0.286 Vp-p, 75 ohm S-Video Output Level:

316 mV, 600 ohm

Audio Output Level: 1.0 Vp-p, 75 ohm Y Input: 1.0 Vp-p, 75 ohm Video Input Level:

S-Video Input Level: C Input: 0.286 Vp-p, 75 ohm 316 mV, 10 kohm or more

Audio Input Level (Line):

Mic Input:

Mic sensitivity -50 dB (0 dB = 1 V/Pa, 1 kHz)

(Stereo mini jack)
DV Input/Output Terminal Digital Interface:

(i.LINK, 4-pin)

Dimensions: 3-5/8(W) × 2-7/8 (H) × 7-5/8 (D) inch

72 (W)× 90 (H)× 195 (D) mm

Weight: 1.48lbs. (0.67 kg)

(without Battery and DV cassette)

Operating Temperature: 32 °F -104 °F (0 °C-40 °C)

10%-80% Operating Humidity:

Card Memory Functions

Recording Media: SD Memory Card, MultiMediaCard Image Compression:

AC Adaptor Information for your safety

Power Source: AC 110-240 V, 50/60 Hz

Power Consumption: 18 W

DC Output: DC 7.8 V, 1.4 A

(Camera/Recorder Operation) DC 8.4 V, 1.2 A (Battery Charging)

Dimensions: 2-3/4 (W) × 1-3/4 (H)× 4-9/16 (D) inch

70 (W) \times 45 (H) \times 116 (D) mm

Weight: 0.363lbs. (0.165 kg)

Weight and dimensions shown are approximate. Designs and specifications are subject to change without prior notice.

SAFETY PRECAUTIONS

GENERAL GUIDELINES

- When servicing, observe the original lead dress. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
- After servicing, see to it that all the protective devices such as insulation barriers, insulation papers shields are properly installed.
- After servicing, make the following leakage current checks to prevent the customer from being exposed to shock hazards.

LEAKAGE CURRENT COLD CHECK

- Unplug the AC cord and connect a jumper between the two prongs on the plug.
- 2. Measure the resistance value, with an ohm meter, between the jumpered AC plug and each exposed metallic cabinet part on the equipment such as screwheads, connectors, control shafts, etc. The resistance value must be more than $5M\Omega$.

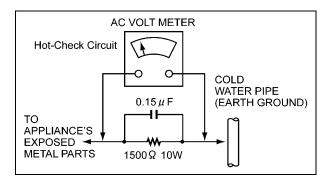


Figure1

LEAKAGE CURRENT HOT CHECK (See Figure 1)

- Plug the AC cord directly into the AC outlet.
 Do not use an isolation transformer for this check.
- 2. Connect a $1.5k\Omega$, 10W resistor, in parallel with a 0.15μ F capacitor, between each exposed metallic part on the set an a good earth ground such as a water pipe, as shown in Figure 1.
- 3. Use an AC voltmeter, with 1000 ohms/volt or more sensitivity, to measure the potential across the resistor.
- 4. Check each exposed metallic part, and measure the voltage at each point.
- Reverses the AC plug in the AC outlet repeat each of the above measurements.
- 6. The potential at any point should not exceed 0.15 volts RMS. A leakage current tester (Simpson Model 229 equivalent) may be used to make the hot checks, leakage current must not exceed 0.1 milliamp. In case a measurement is outside of the limits specified, there is a possibility of a shock hazard, and the equipment should be repaired and rechecked before it is returned to the customer.

ELECTROSTATICALLY SENSITIVE (ES) DEVICES

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically sensitive (ED) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor "chip" components. The following techniques should be used to help reduce the incidence of component damage caused by static electricity.

- Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any electrostatic charge on your body by touching a known earth ground.
 - Alternatively, obtain and wear a commercially available discharging wrist trap device, which should be removed for potential shock reasons prior to applying power to the unit under test.
- After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as aluminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
- Use only a grounded tip soldering iron to solder or unsolder ES devices.
- Use only an anti-static solder removal device classified as "anti-static" can generate electrical charges sufficient to damage ES devices.
- Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.
- Do not remove a replacement ES device from its protective package until immediately before you are ready to install it.
 - (most replacement ES devices are package with leads electrically shorted together by conductive foam, aluminum foil or comparable conductive material).
- Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.
 - CAUTION: Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.
- 8. Minimize bodily motions when handling unpacked replacement ES devices. (Otherwise harmless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity sufficient to damage an ES device).

X-RADIATION

WARNING

- 1. The potential source of X-radiation in EVF sets is the High Voltage section and the picture tube.
- When using a picture tube test jig for service, ensure that jig is capable of handling 10kV without causing xradiation.

Note: It is important to use an accurate periodically calibrated high voltage meter.

Measure the High Voltage. The meter (electric type) reading should indicate 2.5kV, ± 0.15kV. If the meter indication is out of tolerance, immediate service and correction is required to prevent the possibility of premature component failure. To prevent an x-radiation possibility, it is essential to use the specified picture tube.

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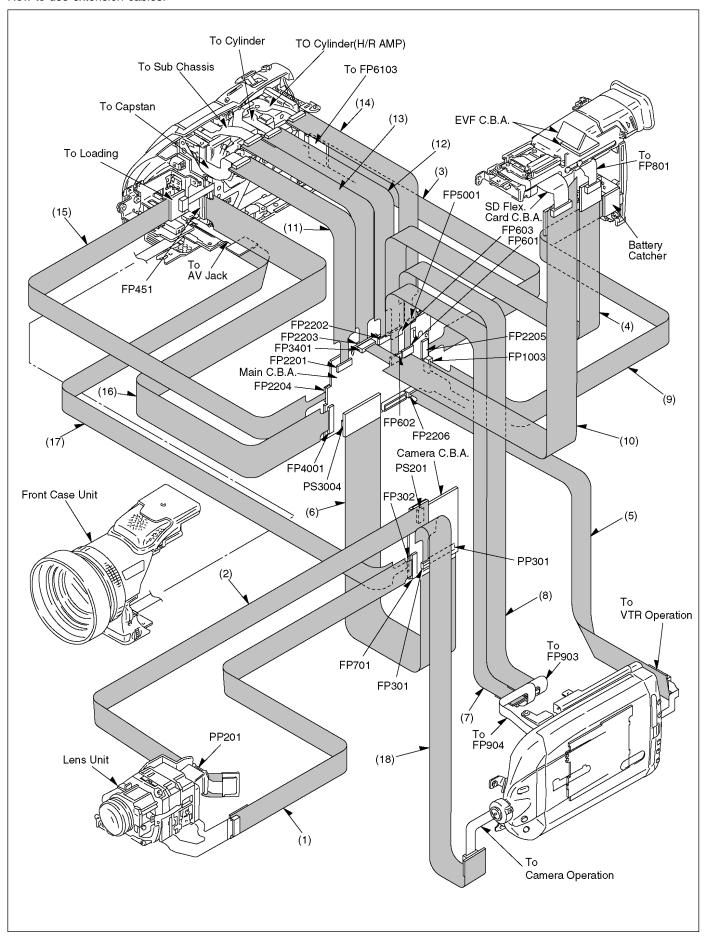
1 SERVICE INFORMATION

1.1. SERVICE EXTENSION CABLES.

This models is required the following extension cables for all connections.

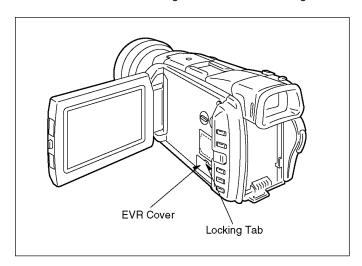
Use the following extension cables when checking or adjusting individual circuit boards.

Ref.	Part No.	Pin	Part Name	Connection
(1)	VFK1575C4520	45	Flat Cable	FP701(Camera)<->LENS FPC
(2)	VFK1490	34	Flat Cable	PP201(CCD)<->PS201(Camera)
(3)	VFK1575C3320	33	Flat Cable	FP2205(VTR Main)<->FP6103(GRIP)
(4)	VFK1442	21	Flat Cable	FP603(VTR Main)<->FP801(EVF)
(5)	VFK1443	18	Flat Cable	FP2206(VTR Main)<->VTR-OP
(6)	VFK1582BD020	120	Flat Cable	PS3004(VTR Main)<->PP301(Camera)
(7)	VFK1452	17	Flat Cable	FP602(VTR Main)<->FP904(MONITOR)
(8)	VFK1442	21	Flat Cable	FP601(VTR Main)<->FP903(MONITOR)
(9)	VFK1364	14	Flat Cable	FP1003(VTR Main)<->BATTERY CATCHER
(10)	VFK1443	18	Flat Cable	FP3401(VTR Main)<->SD
(11)	VFK1443	18	Flat Cable	FP2201(VTR Main)<->CAPSTAN
(12)	VFK1440	10	Flat Cable	FP2202(VTR Main)<->CYLINDER
(13)	VFK1443	18	Flat Cable	FP2203(VTR Main)<->SUB CHASSIS
(14)	VFK1441	8	Flat Cable	FP5001(VTR Main)<->CYLINDER(H/RAMP)
(15)	VFK1441	8	Flat Cable	FP2204(VTR Main)<->MECA(LOADING)
(16)	VFK1575C5720	57	Flat Cable	FP4001(VTR Main)<->FP451(DV Jack)
(17)	VFK1480	6	Flat Cable	FP4973(AV Jack)<->FP302(Camera)
(18)	VFK1441	8	Flat Cable	FP301(Camera)<->CAM-OP



2 PREPARATION FOR ELECTRICAL ADJUSTMENT

- 1. Unlock the locking tab and remove the EVR connector cover which is located on Battery Catcher Unit as follows.
- 2. Then connect the following cables as shown in Fig. E2.



Part No.	Part Name	Q'ty	Remarks
VFK1395	232C(M3)I/F Cable	1	
VFK1308E	Measuring Board	1	
VFK1309	EVR Connector Board	1	
VFK1317	30 Pin Flat Cable	2	
VJA0941	DC Output Cable	1	For AC Adaptor
VFK1164TAR37	Step Up Ring	1	For Collimator
VFK1309EX	Connection Adaptor	2	

Fig E1

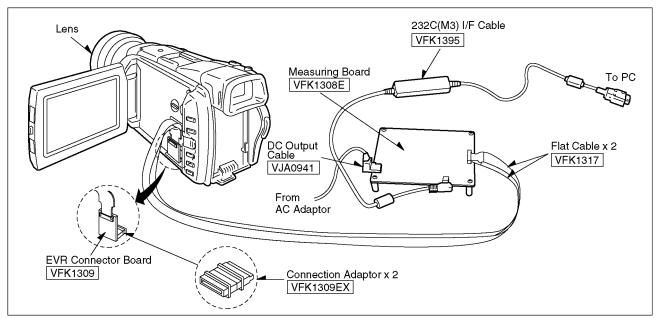


Fig. E2

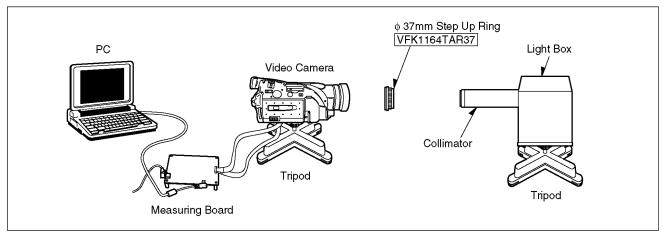
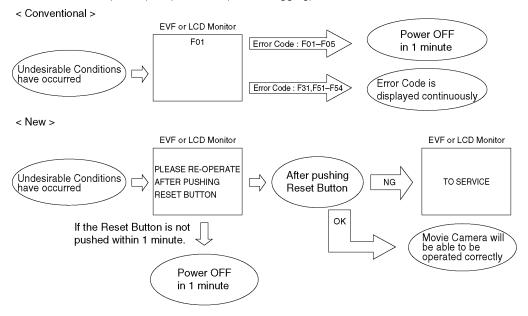


Fig. E3

3 SERVICE MODE

3.1. New Error Code Display

Conventionally, the error code has been displayed automatically on the EVF or LCD Monitor when undesirable conditions have occurred. With the New Error Code Display, the error code has not been displayed automatically as follows except some error codes F31(Data Transmission Error), U10(Dew) and U11(Head Clogging).



Note:

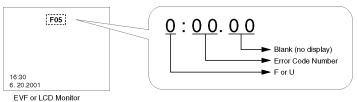
- 1. The only some error codes F31, U10 and U11 has displayed automatically on the EVF or LCD monitor as usual.
- 2. The Power LED also has been flashed for 1 min. when undesirable condetions have occurred.(See below)

3.2. Viewing Error Code

When displaying the Error Code on the EVF or LCD Monitor, push the FADE/STOP and REC START/PAUSE buttons simultaneously for more 3 seconds.

Note:

When the cassette tape is inserted, this operation will not be worked.



DISPLAY	CONDITION	POWER OFF TIMING / POWER LED FLASHING TIMING			
F01	T-Reel Lock	After 1 minute flashing the LED			
F02	S-Reel Lock	After 1 minute flashing the LED			
F03	Unloading Lock	After 1 minute flashing the LED			
F04	Loading Lock Cylinder Lock	After 1 minute flashing the LED			
F05		After 1 minute flashing the LED			
F31	Data Transmission Error	Not turning OFF			
F51	Focus Motor Lock	Not turnig OFF Power LED is flashed at 1 Hz timing			
F52					
F53	OIS Lock 1 (Sensor)	Not turnig OFF Not turnig OFF			
F54	OIS Lock 2 (Actuator)				
U10	Dew Detection	After 18 seconds flashing the LED Power LED is flashed at 1 Hz timing			
U11	Head Clogging	Not turning OFF			

4 HOW TO REPLACE THE LITHIUM BATTERY (PROCEDURE)

- 1. Remove the Grip C.B.A. from Side Case (L). (Refer to Disassembly Procedures.)
- 2. Unsolder the Lithium Battery "VSB0407" and then replace the new one. (See Fig. B1.)

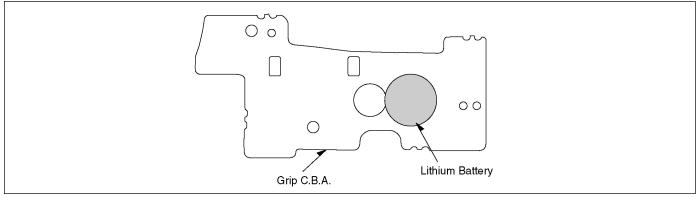


Fig. B1

Note:

The lithium battery is a critical component. (Type No.: VSB0407 Manufactured by Panasonic.)

It must never be subjected to excessive heat or discharge.

It must therefore only be fitted in equipment designed specifically for its use.

Replacement batteries must be of the same type and manufacture.

They must be fitted in the same manner and location as the original battery, with the correct polarity contacts observed.

Do not attempt to re-charge the old battery or re-use it for any other purpose.

It should be disposed of in waste products destined for burial rather than incineration.

CAUTION

Danger of explosion if battery is incorrectly replaced.

Replace only with the same or equivalent type recommended by the equipment manufacturer.

Discard used batteries according to manufacturer's instructions.

VARNING

Explosionsfara vid felaktigt batteribyte.

Använd samma batterityp eller en ekvivalent
typ som rekommenderas av apparattillverkaren.

Kassera använt batteri enligt fabrikantens
instruktion.

ADVARSEL!

Lithiumbatteri - Eksplosionsfare ved fejlagtig hándtering.

Udskiftning má kun ske med batteri

af samme fabrikat og type.

Levér det brugte batteri tilbage til leverandøren.

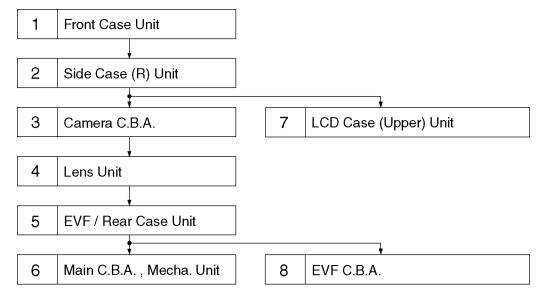
VAROITUS

Paristo voi räjähtää, jos se on virheellisesti asennettu. Vaihda paristo ainoastaan laitevalmistajan suosittelemaan tyyppiin. Hävitä käytetty paristo valmistajan ohjeiden mukaisesti.

5 DISASSEMBLE PROCEDURES

5.1. DISASSEMBLE FLOW CHART

This flow chart indicates the disassembly steps the cabinet parts, C.B.A. and Mecha. Unit in order to access to be serviced. When reinstalling, perform the steps in the reverse order.



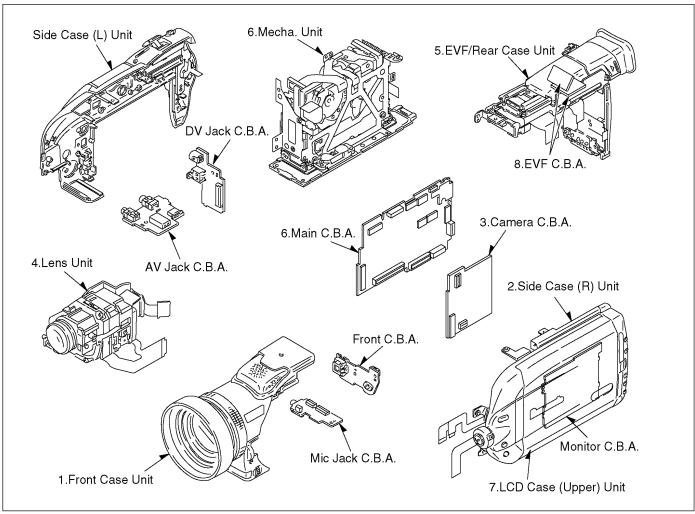


Fig. F1

5.2. DISASSEMBLY PROCEDURES

Flow-Chart for Disassembly Procedure

No.	Item/Part	Fig.	Removal (Screw & Other)
(1)	Front Case	Fig. 1	2-Screws (A/B)
	Unit	Fig. 2	
			Remove the Front Case Unit.
(0)	a	T	Disconnect the FP4901.
(2)	Side Case (R) Unit	Fig. 3	7-Screws (C)
	(K) OHIC	Fig. 4	Slide the Shoe Cover. 1-Screw (D)
		Fig. 5	1-Screw (E) Remove the Side Case (R) Unit.
			Disconnect the following
			connectors.
			FP301/FP601/FP602/FP2206
(3)	Camera	Fig. 6	Disconnect the following
	C.B.A.		connectors. PS201/FP701/PS3004/FP302
			Remove the Camera C.B.A
(4)	Lens Unit	Fig. 6	1-Screw (E)
			Remove the Lens Unit.
(5)	EVF/Rear	Fig. 7	1-Screw (D)
	Case Unit	Fig. 8	
			Disconnect the following
			connectors. FP603/FP1003/FP3401
			Remove the EVF/Rear Case Unit.
(6)	Main	Fig. 9	2-Screws (G)
	C.B.A., Mecha	Fig. 1	
	Unit	Fig. 9	
		_	Remove the Main C.B.A./Mecha. Unit.
	-	Fig 1	Disconnect the following
		1 9 - 1	connectors.
			FP2201/FP2202/FP2203/FP2204/FP500
			1
			Unlock Remove the Main C.B.A
			3-Screws (H)
			Remove the Mecha. Unit.
(7)		Fig. 1	2 4-Screws (I)
	(Upper) Unit		Remove the LCD Case (Upper) Unit.
(8)	EVF C.B.A.	Fig. 1	1
			Remove the EVF Unit.
		rig. 1	Remove the Eye Cap Unit.
			Remove the EVF Case (Upper).
			Remove the EVF (1) Unit.
		Fig. 1	Disconnect the FP801 and FP802.
		Fig. 1	Unlock
			Remove the EVF C.B.A.

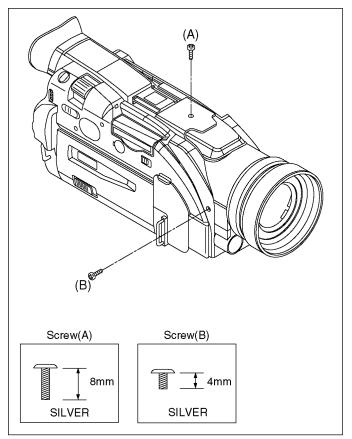


Fig. 1

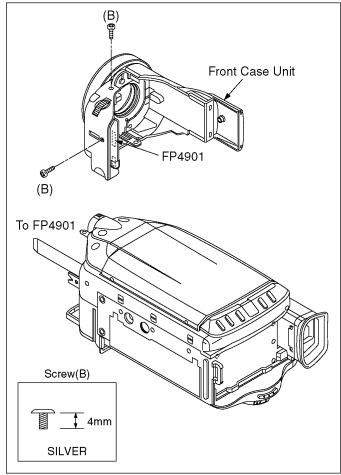


Fig. 2

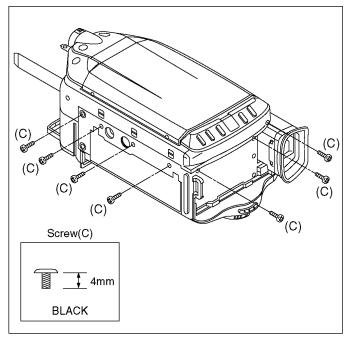


Fig. 3

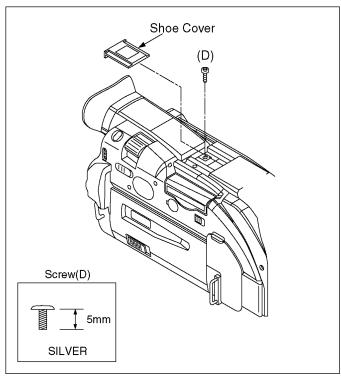


Fig. 4

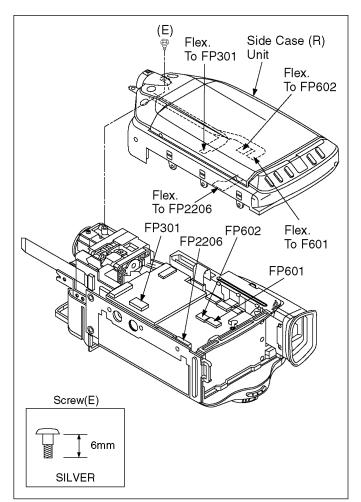
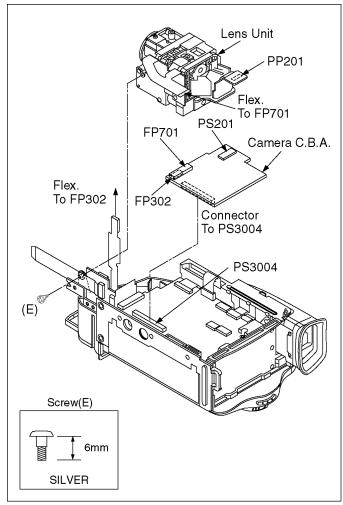


Fig. 5





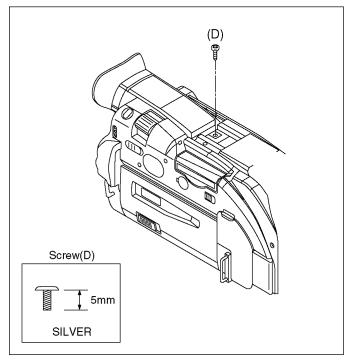


Fig. 7

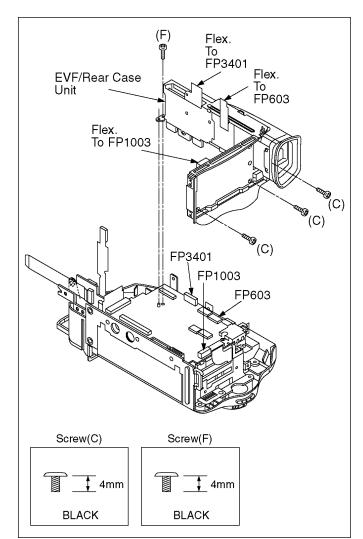
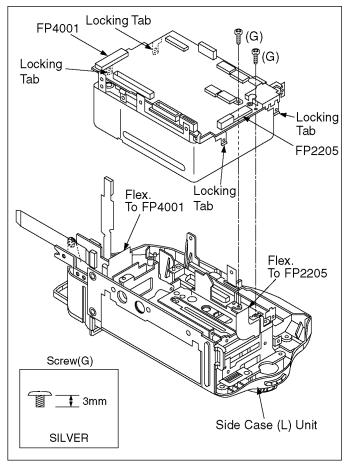


Fig. 8





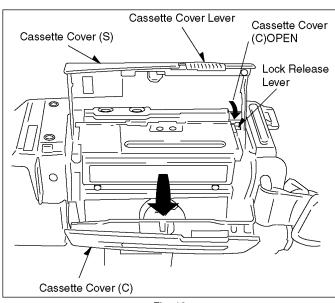


Fig. 10

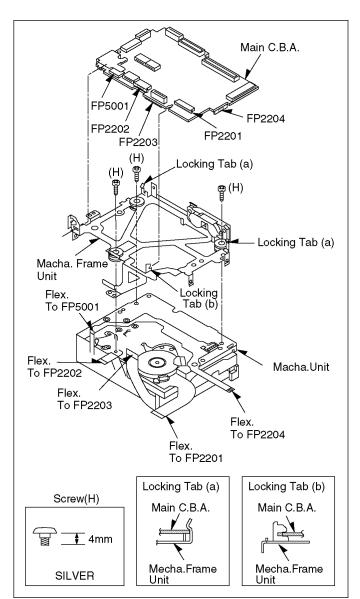


Fig. 11

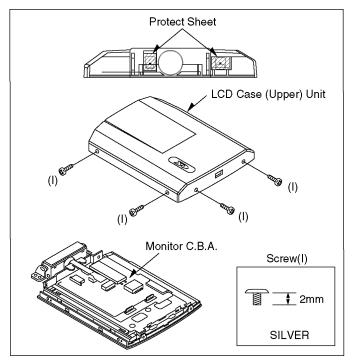


Fig. 12

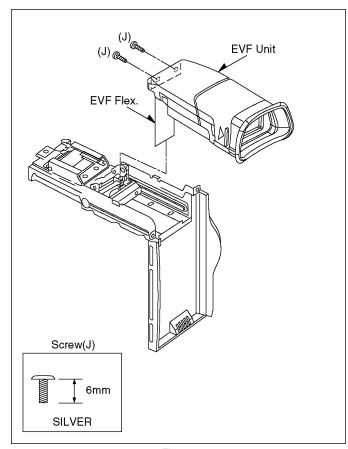


Fig. 13

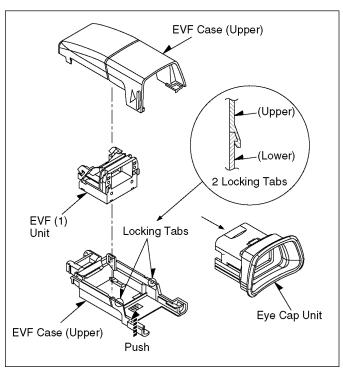


Fig. 14

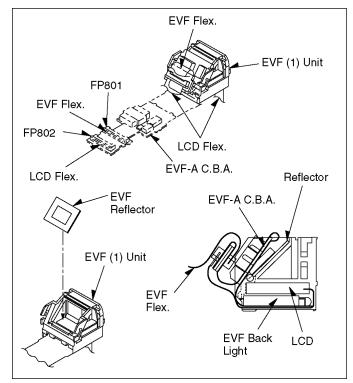


Fig. 15

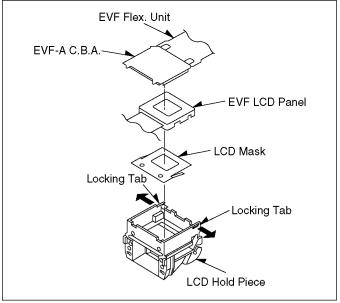


Fig. 16

5.3. DISASSEMBLY PROCEDURES OF CAMERA LENS UNIT

The following flowchart describes order or steps for removing the Camera lens unit and certain printed circuit boards in order to make access to the item needing service.

To reassemble the unit follow the steps in reverse order.

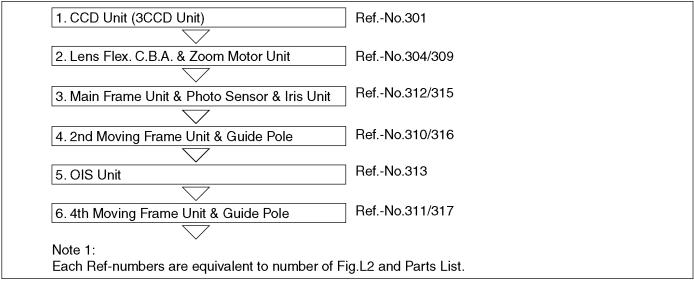


Fig. L1

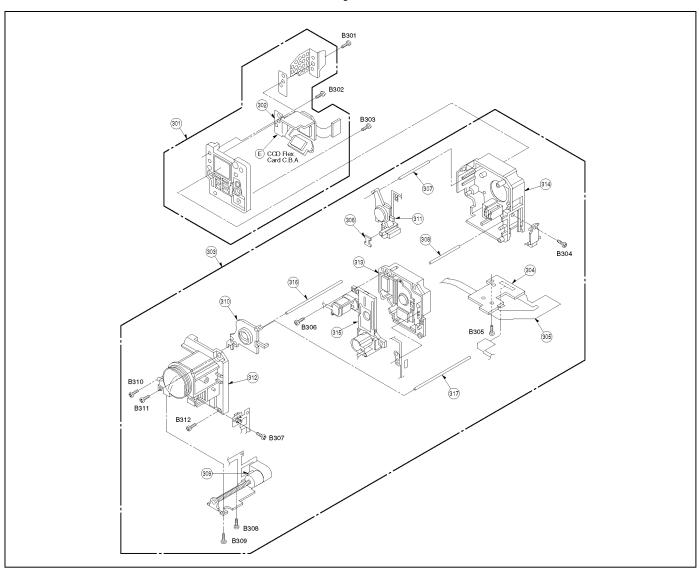


Fig. L2

6 ABBREVIATIONS

	INITIAL/LOGO	ABBREVIATIONS		INITIAL/LOGO	ABBREVIATIONS
Α	A GND	Analogue GND		ALC MAIN	Auto Level Control Drive
	A HASW	Audio Head Amp Switching Pulse		ALE	Address Latch Enable
	A HSW	Audio Switching Pulse		A-LOCK	Full Auto Switch
	A MUTE	Audio Mute		A-MUT(H)	Audio Mute (H)
	A ORP	Audio Overlap Pulse		ANLPTH	Analogue Loop Through High
	A. TR	Auto Tracking		AORP	Audio Overlap Pulse
	A0-8, 0-17	Memory Address		APCNT	Aperture Control
	A3V2	AD Converter Reference Voltage		APS	Auto Power Save
	AB0-4	Address Bus		ART VH	Artifical Vertical Sync
	AB0-4, AB12-15	Address Bus Line 0-4, 12-15		AT CNT	Automatic Tracking Gain Adjust
	ABSF	Focus Encoder Input		ATF	Automatic Track Finding
	ACI	Analogue Channel Cording IC		ATFCLK	41.85MHz Clock
	AD	AD Converter		ATFG	Auto Track Gain
	AD	Auto Date, Analogue Digital Converter		ATL	Auto Lock Select
	AD CLK	AD Clock		ATN	Absolute Track Number
	AD REC	Audio Delayed REC		ATR OFF(H)	Auto Tracking Off (H)
	AD0-6	Address		ATV	Advanced TV
	AD0-6, ADR0-6	Address Data Line		AUDIO(N)	Audio (Normal)
	ADCLK	Analogue Digital Converter Clock		AUX	Auxiliary
	ADONT	Analogue Digital Control		AVDD	Analogue VDD
	ADCS	Analogue Digital Chip Select		AVSS	Analogue Ground
	A-DET	Audio Detect		AWTB	Auto White Balance B-Y
	ADREC	Audio Delaied Rec		AWTR	Auto White Balance B-1
	ADUB			AWIN	Auto Wille Balance N-1
	AE	Auto Expans	В	BACK	Pook up
	AECNT	Auto Expose Auto Expose Control		BACK UP	Back-up Microcomputer Back-up
	AEE(H)	Auto Expose Control Audio E-E (H)		BACK VDD	Back-up Power
	AEE(II)	Audio E-E (11) Audio Erase Head		BATT	Battery
	AEIRQ	Auto Expose Interrupt Request		BATT ALARM	
	AF/MF	Auto Expose Interrupt Request Auto Focus/Manual Focus		BATT REF	Battery Alarm Reference Voltage for Battery
	AF DIS CS	AF DIS Chip Select		BCB	B Carrier Balance
		Audio Fade (L)		BCBM(B-Y)	B-Y Carrier Balance
	A-FADE(L) AF-AMP			, ,	
	AFCS	AF HALL Bias Auto Focus Chip Select		BCBM(R-Y) BD0-7	R-Y Carrier Balance
		'			REC/Play In/Out Buss
	AFRP	Audio PLL Voltage Control		BDCK	Standard Bus Data Clock (9MHz)
	AF-VN	Zoom Encoder V-Ref (-)		BDEN	Standard Bus Data Enable
	AF-VP	Zoom Encoder VREF (+)		BEND	Data Block End Request
	AGCONT	Automatic Gain Control		BF	Burst Flag Pulse for Encorder
	AGCONT	Automatic Gain Control Control		BFA	Burst Flag Pulse for Encorder
	AGND	Analogue Ground/Audio Ground		BFO/BFI	Burst Flug Input/Output
	AGS	Anti Ground Shooting		BI, BO	Buffer Input, Output
	AH(P) / (R)	Audio Head (Play) / (Record)		BL	Back Light
	AHASW	Audio Head Amp Switch Pulse		BL ON	Back Light ON (L)
	AHSW	Audio Head Switch Pulse		BL4V	Back Light 4V
	AI, AO	Buffer Input, Output		BLC 0, 1	Back Light Y Control Out, In
	AIBCK	Bit Clock (to A/D Converter)		BLDI/O	Back Light Drive Input/Output
	AIDAT	Serial Data (to A/D Converter)		BLK	Blanking Pulse
	AILRCK	L/R Clock (to A/D Converter)		BLKA	Blanking for Encorder
	AIMCK	Master Clock (to A/D Converter)		BLKA	Blanking Pulse for Encorder
Ш	ALC CNT	Auto Level Control Control		BLKI/O	Blanking Pulse In/Out

BLKZ BM Balance Modulator BQUIET BUS Out Control Signal BUF IN/OUT B-Y KB B-YO B-Y Signal Out CAPSTP CONT CONT CONT CONT CONT CONT CONT CONT	ress (DCT/VLC) DCT/VLC
BQUIET Bus Out Control Signal CHR BACK Character Back-up CHR MIX Character Mix CI, CO Buffer In/Out CI, CO Buffer In/Out CI, CO Buffer In/Out CI, CO Buffer In/Out CI, CO Buffer Input & Output CIF, CIR Control Signal Forward Input CAPSTP Capstan Stop Flag CIR Control Signal Reverse Input CAPSTP Colour Control CIF, CIR Control Signal Reverse Input CIF, CIR CICCK CIC	ress (DCT/VLC) DCT/VLC
BUF IN/OUT B-Y KB B-Y KB B-Y Carrier Balance B-YO B-Y Signal Out C C A In/Out C C A In/Out C C CA In/Out C C C A In/Out C C C C C C C C C C C C C C C C C C C	ress (DCT/VLC) DCT/VLC
B-Y KB B-Y Carrier Balance B-YO B-Y Signal Out CI,CO Buffer In/Out CIF Control Signal Forward Input CIF, CIR Control Signal Forward Input CIF, CIR Control Signal Forward Input CIF, CIR Control Signal Reverse Input CIF CONT CONT COLOR CONT COLOR COMPOSITE Sync Signal CIR COLOR CONT COMPOSITE Sync Signal CO-7, C00-07 Chrominance Signal 0-7 CAGAIN Aperture Gain Control CAM	ress (DCT/VLC) DCT/VLC
B-YO B-Y Signal Out CI,CO CIF Control Signal Forward Input CIF, CIR Positive Control Pulse, Negative CAPSTP Capstan Stop Flag CCNT Colour Control CSYNC Composite Sync Signal CO-7, C00-07 Chrominance Signal 0-7 CAGAIN Aperture Gain Control CAM	ress (DCT/VLC) DCT/VLC
CIF Control Signal Forward Input CIF, CIR Positive Control Pulse, Negative CAPSTP Capstan Stop Flag CCNT Colour Control CSYNC Composite Sync Signal CO-7, C00-07 Chrominance Signal 0-7 CAGAIN Aperture Gain Control CAM Camera CAM	ress (DCT/VLC) DCT/VLC
CIF Control Signal Forward Input CIF, CIR Positive Control Pulse, Negative CAPSTP Capstan Stop Flag CCNT Colour Control CSYNC Composite Sync Signal CO-7, C00-07 Chrominance Signal 0-7 CAGAIN Aperture Gain Control CAM Camera CAM	ress (DCT/VLC) DCT/VLC
C C A In/Out Pre-Aperture In/Out CAPSTP Capstan Stop Flag C CNT Colour Control C CNT Composite Sync Signal CO-7, C00-07 Chrominance Signal 0-7 CAGAIN Aperture Gain Control CAM	ress (DCT/VLC) DCT/VLC
CAPSTP Capstan Stop Flag C CNT Colour Control C SYNC Composite Sync Signal C0-7, C00-07 Chrominance Signal 0-7 CAGAIN Aperture Gain Control CAM CAM CAM CAM CAM CAM SIOC CAM SIOC CAM TL CAPSTP CO-7, C00-07 Capstan Stop Flag C CL/CLK CL/CLK Clock CL/CLK Clock CL/CLK Clock CLASS Classeffication Signal for Composite Sync Signal O-7 CLASS 0.1 Class Control Signal Durring Class Control Signal From From Class Control Signal From From From From From From From From	ress (DCT/VLC) DCT/VLC
C CNT C SYNC C Composite Sync Signal C C/N C Carrier/Noise C0-7, C00-07 C Chrominance Signal 0-7 CAGAIN CAM	OCT/VLC
C/N Carrier/Noise CLASS Classeffication Signal for Composition CO-7, C00-07 Chrominance Signal 0-7 CAGAIN Aperture Gain Control CLK135 13.5MHz System Clock CAM CLK Camera Clock CLK18 18MHz System Clock CLK18 CAM CLK Camera Clock CLK2 Clock 2 (824XFH: 12.875MHz) CAM SIOC Camera Serial In/Out Contol CLK27 27MHz System Clock CAM T Camera Test CAM TL Capstan Trque Limit CLKDCLK Digital Clock CLKDCLK Digital Clock	OCT/VLC
C/N Carrier/Noise CLASS Classeffication Signal for Composition CO-7, C00-07 Chrominance Signal 0-7 CAGAIN Aperture Gain Control CLK135 13.5MHz System Clock CAM CLK Camera Clock CLK18 18MHz System Clock CLK18 CAM CLK Camera Clock CLK2 Clock 2 (824XFH: 12.875MHz) CAM SIOC Camera Serial In/Out Contol CLK27 27MHz System Clock CAM T Camera Test CAM TL Capstan Trque Limit CLKDCLK Digital Clock CLKDCLK Digital Clock	OCT/VLC
C0-7, C00-07 Chrominance Signal 0-7 CAGAIN Aperture Gain Control CLK135 13.5MHz System Clock CAM Camera Clock CAM CLK Camera Clock CAM RST Camera Reset CAM SIOC Camera Serial In/Out Contol CAM T Capstan Trque Limit CO-7, C00-07 Class Control Signal Durring Council CLK135 13.5MHz System Clock CLK18 18MHz System Clock CLK2 Clock 2 (824XFH: 12.875MHz) CLK246 24.576MHz Clock CLK27 27MHz System Clock CLK27 27MHz System Clock CLK450 450KHz Clock CLK450 Digital Clock	OCT/VLC
CAGAIN CAM	
CAM CLK Camera Clock CLK2 Clock 2 (824XFH: 12.875MHz) CAM RST Camera Reset CLK246 24.576MHz Clock CAM SIOC Camera Serial In/Out Contol CLK27 27MHz System Clock CAM T Camera Test CLK450 450KHz Clock CAM TL Capstan Trque Limit CLKDCLK Digital Clock)
CAM CLK CAM RST Camera Reset CAM SIOC Camera Serial In/Out Contol CAM T CAM TL Camera Test CAM CLK2 CLK246 CLK246 CLK27 CLK27 CLK27 CLK27 CLK27 CLK450 CLK450 CLK450 CLK450 CLK450 CLK450 CLK450 CLK450 CLK450 CLKDCLK Digital Clock)
CAM RST CAM RST CAM SIOC CAM SIOC CAM T CAM T CAM TL CAM TL CAM TL CAM TC CAM T	,
CAM SIOC Camera Serial In/Out Contol CLK27 27MHz System Clock CAM T Camera Test CLK450 450KHz Clock CAM TL Capstan Trque Limit CLKDCLK Digital Clock	
CAM T Camera Test CLK450 450KHz Clock CLKDCLK Digital Clock	
CAM TL Capstan Trque Limit CLKDCLK Digital Clock	
CAN ES CAPACIAN TIQUE CONTROL	
CAP P(H) Capstan Power On (H) CLK-REF Reference Clock	
CAP R/F/S Capstan Reverse (H)/Stop (M)/Forward (L) CLP-RST-H Clamp Reset High Signal	
CAP SW Capstan Power Control Switch CLX TFT X-axis Transmission Cloc	k
CAPSTP H Capstan Stop Flag (Stop High) CLX, CLX1-4 Shift Clock for X Direction (LCI	
CAPVM Capstan Motor Current CLY Shift Clock for Y Direction (LCI	,
CAPVS Capstan Motor Power Control Switch CLY TFT Y-axis Transmission Cloc	,
CAS Compresion, Audio Process, Shuffling/Deshuffling CLY FG Cylinder FG Signal	K
CAS Memory Address Strobe (Active Low) CMEMO0-3 Chroma Memory Output Signal	J 0-3
CASDOWN, DWN Cassette Down (L) CMIX Character Mix	11 0-0
CB, CR Chroma B, Chroma R CMO Chrominance Memory Output	
CBLK Composite Blanking Pulse COMPC Position Detection Pulse	
CC Channel Cording COM RDY Serial Enable Signal	
CCA Curent Drive Control CMODE Camera Mode	
CCA Current Control Amp CNCLK Clock	
CCD Charge Coupled Devise CNR Chrominance Noise Reduction	1
CCW Counterclockwise CNT, CONT Control	•
CD SP0-7 Digital Chroma CO Control Out	
CDS Correlate Double Sampling Signal CO0-7 Chrominance Output 0 to 7 (Di	inital)
CDS1, 2 Sampling Pulse for CCD Output Signal COM Common	J/
CE Chip Enable COM RDY Serial Transmission Enable	
CE Control Pulse Erase COMB Comb Filter	
CEC Capstan Error Code COS EQ Cosin Equalizer	
C-ERA(H) Control Erase (H) CP Clamp Pulse	
CFEM Chrominance Memory Signal CP ON(H) Camera Power On(H)	
CFM Chrominance Field Memory CP2, 20 Clamp Pulse	
CFM1-4 Chroma Field Memory Signal CP2A, CP2O Encoder Clamp Pulse	
CG CLK Character Generator Clock CPN Component Signal	
CG CLK DATA Clock Generator Data CPOB Clamp Pulse for Optical Blanki	ing
CG DATA Character Generator Data CPS Composite Signal	-
CGC Chrominance Gain Control CPV Gate Scan Clock	
CGCS Character Generator Chip Select CR OUT Pre Apature Out	
CGO Character Generator Serial Data CR POW SW Camera Remote Power On Sw	vitch
CH Charge CRA Aperture Gain Control	

	INITIAL/LOGO	ABBREVIATIONS		INITIAL/LOGO	ABBREVIATIONS
	CRA	Pre Apature Gain Control		DISCS	Dis Chip Select
	CRST	Camera Reset		DISP	Display
	cs	Chip Select		DL	Delay Line
	CS 0-7	Chrominance Signal Out 0-7		DOBCK	Audio A/D Convertor Bit Clock
	CSEL	Clock Phase Select		DOCTL	Data Output Control Signal
	CSI 0-7	Chrominance Signal In 0-7		DODAT	Serial Data (to D/A Converter)
	CTSW	Crosstalk Switch		DOLRCK	Audio A/D Converter LR Clock
	CURR	Current		DOLRCK	L/R Clock (to D/A Converter)
	cw	Clockwise		DOMCK	Audio A/D Converter Master Clock
	CYL EC	Cylinder Motor Trque Control		DOMCK	Master Clock (to D/A Converter)
	CYL PG	Cylinder Motor PG		DQ 1-16	Memory Data
	CYL VM	Cylinder Motor Current or Power		DRAM CAS	D-RAM Colum Address Strobe
				DRAM OE	D-RAM Out Enable
D	D CLK	Digital Clock	1	DRAM RAS	D-RAM Read Address Strobe
	D MODE	Digital Mode Switch Signal		DREC	AV Delayed REC Start Pulse
	D01-03	Zoom 01-03		DRK	Dark (LPF Switch for Auto Focus)
	DA UV SEL	D/A Convertor U/V Select		DS1, 2	Double Sampling Pulse
	DAC	Digital Analogue Converter		DSF 0-7	Data In/Out for Shaffling Memory
	DAG	Digital Analogue Ground		DSF 0-7	Input/Output Data to Shuffling Memory (18MHz)
	DB0-7	Data 0-7		DSP	Digital Signal Processor
	DB0-7	Microprocessor Data		DSP R/B	DSP IC Rady/Busy
	DCC	DC Clamp Control		DSP-48K-H	DSP IC Clock Select
	DCCNT	DC Control		DSTB	Data Stobe Signal
	DCI	Digital Channel Cording IC		DSV	Digital Sum Variation
	DCLR	Digital Clear		DV	Digital Video
	DCP	Digital Clamp Pulse		DVB	Digital Video Broadcast
	DCS-CLK, DA	CAS & DV I/F Serial Clock		DVC	Digital Video Cassette
	DC-STP1	DCS Serial Start		DVDD	Digital VDD
	DC-STP2	DCS Serial Stop		DVIO	Digital Video Input Output
	DCT	Discrete Cosine Transform (Compression)		DVSS	Digital Ground
	DCX7	Serial Data		DX	Shift Data for X Direction (for LCD)
	DEDP 0-3	Playback Data		DY	Shift Data for Y Direction (for LCD)
	DEDR 0-3	Rec Data		DY	TFT Y-axis Shift Data
	DEMO	Demodulation		DZ	Digital Zoom
	DEMP	A/D Convertor Empahsis Control			
	DEMP	De-Emphasis	Е	E Snap	Electric Snap Shot
	DFD 0-7	Encode Data In/Out Between Shaffling Memory		E ZM	Electric Zoom
	DFD0-7	Encode Input/Output Signal for Shuffling Memory		E2 CS or E2P CS	EEPROM Chip Select
	DIBDCK	Bit Clock		E2 R/B	EEPROM Rady/Busy
	DICLK	Digital Clock		E2P	EEPROM
	DIDAT	Serial Data		EARP	Earphone
	DIDAT	Serial Data Durring Digital Audio In		EC	Torque Control
	DIF	Digital Interface		ECC	Error Correction Cording
	DILRCK	L/R Clock		ECM	Electric Condencer Mic
	DILRCK	Serial Clock Durring Digital Audio In		ECR	Reference Voltage for Capstan Torque
	DIMCK	Master Clock		EDA	Error Correction, DCI, ATF Servo
	DIMCK	Mater Clock Durring Digital Audio In		EE CS	EEPROM Chip Select
	DIO 1-8	Data In/Out		EE R/B	EEPROM Read (H)/Busy (L)
	DIOS	Data In/Out Select Control Signal		EEPROM	Electric Erasable Programable Read Only Memory
	DIOS	Select Signal for Digital In/Out		EIS	Electric Image Stabilizer (DIS)
	DIS	Digital Image Stabilizer		EMP	A/D Convertor Emphasis Control
	DIS R/B	Digital Image Stabilizer Read (H)/Busy (L)		ENAB	Enable
	DIS R/B	DIS IC Rady/Busy		ENV	Enverope
	DIS/KAND	Digital Image Stabilizer/Sensitivity		EOB	End of Block
	חופ/עאויט	Digital image Stabilizer/Sensitivity		EUD	ETIU UI DIUCK

	INITIAL/LOGO	ABBREVIATIONS		INITIAL/LOGO	ABBREVIATIONS
	EQ	Equalizer		HD	Horizontal Drive Pulse
	EVF	Electric View Finder		HDTV	High Definition TV
	EXT DC	External DC (AC Adaptor)		HEX	Hexadecimal
	EXT DC(H)	AC Adaptor DC (H)		HG	Hall Gain
	EXT NOREG	AC Adaptor 6V		HID	Head Switching Pulse
	EXT S DATA	Serial Data for Edit		HLT	High Bright Signal
	EXT SCK	Serial Clock for Edit		HALL IN(+), (-)	Input Signal from Hall IC
	EZOOM	Electric Zoom		HP	Headphone
				HPF	High Pass Filter
F			i	HSE	Modulated Data Output
	F ENC	Lens F-Value		HSP	Timing Pulse for Shaffling Memory
	FACT MODE	Factry Mode (not used in the service)		HSS	Horizontal Sync Signal
	FB	Feed Back		HSW	Head Switching Pulse
	FC	Saw Tooth Signal In		HS-WT	High Speed Zoom
	FCK	Clock		HSZ	High Speed Zoom
	FCO	Saw Tooth Signal Generator			3 3,100
	FENC	Focus Encoder	ī	I/F	Interface
	FEND	Frame End Pulse		I-2 C	Inter Integrated Circuit
	FH2B	FH/2 (15.625KHz / 2=7.8125KHz)		ID(H)	Wide Television (H)
	FIX OSD	Auto Tracking Off (H)		IMP	Inter Microprocessor Protocol
	FLICK	Flicker Output		INF	CCD Input Signal 1
	FM	Field Memory		INF	Input Frame Signal
	FM0-7	Field Memory 0-7		INS	CCD Input Signal 2
	FMCO0-3	Field Memory Chrominance Out 0-4		INTER	Interval Recording
	FMDIR	Focus Motor Direction		INV	Inverter
	FMOEM	Field Memory Enable		IOU	R-Y Analogue Signal Output
	FMOEO	Field Memory Enable		IOV	B-Y Analogue Signal Output
	FMT1-4	Focus Motor Terminal 1-4		IOY	Y Analogue Signal Output
	FMY00-07	Field Memory Luminance Out 0-7		IR	Infrared Rays
	FMYI0-07	Field Memory Luminance In 0-7		IRDET	Imfrared Ray Detection
	FNO	F Value		IREF	Current Adjustment Terminal
	FPS	Frame Refference Signal		IRIS/SH	Iris / Shutter Control
	FR	Capstan Reverse High		IRQ	Interrupt Request
	FRP	Frame Refference Pulse		ITI	Insert & Track Information
	FRPSO	Frame Start Pulse			moort a read morniques
	55		J	JPEG	Joint Photographic Image Cording Experts Group
G	G1, G2, G3	Gap 1, 2 and 3		3. 23	Total Trotographic image optioning Experts droup
[GCA	Gain Control AMP	ĸ	KANDO	Digital Gain Up
	GCNT	Gain Control	``	KB	Carrier Balance
	G-CNT	AGC Adjustment		KEY IN	Key Scan
	GCTRL	Gain Control		KND	Digital Gain Up
	GENE	Generator		KNEE	Luminance Compensate
	GF	FG AMP Terminal			
	GSW	Ground for Switching Power	L	LCD	Liquid Crystal Display
Н	H/M/N	Hi-Fi / Mix / Normal	-	LCD P(L)	LCD Power On (L)
``	H/N	Hi-Fi / Normal		LD	Load Pulse
	H1, 2	H. CCD Drive Pulse		LDD	Liquid Direct Drive
	HAP	Horizontal Aperture		LEDCNT	LED Control
	HASW	Head AMP Switching Pulse		LI-BATT	Lithium Battery
	HB	Hall Bias		LOAD	Loading
	HBR SET	High Brightness Set		LOAD F, R	Loading Direction (F: Forward / R: Reverse)
	HBRST	High Brightness Set		LPF	Low Pass Filter
	HCLR	High Clear		LRMONO	Monoral Audio (L + R)
	HCP	Shift Clock for Horizontal Drive		LSB	Least Significant Bit
	1101	Offic Clock for Fiorizonital Drive		LOD	Least Significant Dit

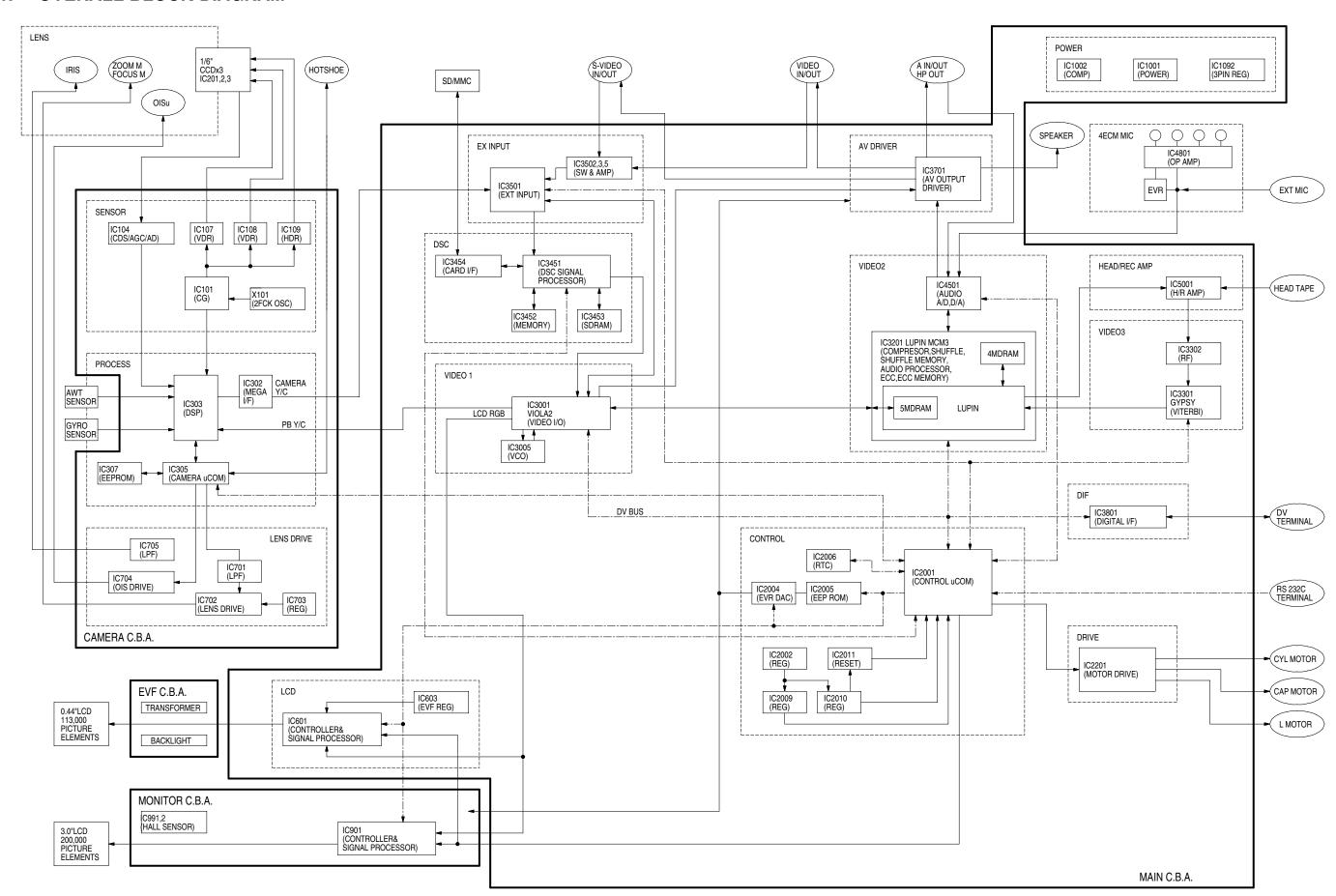
	INITIAL/LOGO	ABBREVIATIONS		INITIAL/LOGO	ABBREVIATIONS
	LVL	LPF Switch for Auto Focus	Р	P SW	Power Switch
				PB1-3	PNP Base 1-3
М	M1-3	Motor Coil Terminal 1 to 3		PBCTL	Play Back Control
	MA0-5	Microprocessor Address Data 0-5		PBCTL	Pre-Branking Control
	Mbps	Megahertz Bit Per Second		PBH	Head Amp Switch
	MD	Modulation		PBLK	Pre-Blanking (Pulse)
	MD0-7	Microprocessor Data 0-7		PC1-3	Corrector of PNP Transistor
	MDT0-7	Microprocessor Data 0-7		PCBM	Carrier Balance
	ME (TAPE)	Metal Evaporated (Tape)		PCH	Phase Compensator (Hall AMP)
	MENB	Focus Motor Enable		PCI	Phase Compensator (Current)
	MFF	Manual Focus Far		PCO	Phase Compensator Out
	MFN	Manual Focus Near		PCS	Switching Power Control
	MHSYNC	Monitor Horizontal Sync Signal		PCV	Phase Compensator (Voltage)
	MIC	Memory In Cassette		PE	Emitter of PNP Transistor
	MIG	Meta In Gap		PED	Pedestal
	MIX N.R.D.	Non Rec Data Mix		PEDECNT	Pedestal Control
	MOD	Modulation		PENO	Alarm (L)
	MOUT	Mic Out		PFP	Pilot Frame Position
	MP (TAPE)	Metal Particle (Tape)		PGA, B	Power Ground A, B
	MPEG	Moving Picture Image Cording Experts Group		PGC	Pulse Generator Comparator
	MPEG2	Moving Picture Image Cording Experts Group Phase 2		PGI	Pulse Generator Input
	MRST	Focus Motor Reset		PGMM	Pulse Generator Monostable Multivibrator
	MSB	Most Signal Bit		PGO	Output of Pulse Generator AMP
	MVSYNC	Monitor Vertical Sync Signal		PMODE	Select Signal for Normal / Wide Screen
	MIVSTING	Worldon Vertical Sync Signal		PON	Power On
h	N/F	Near/Far Focus		POR	Power On Reset
'\	N/P	NTSC/PAL		POSCOM	Common Position
	NB1-3	Base for NPN Transistor		PREAMP	Pre-AMP
	NC	No Connection		PREBLK	Pre-Blanking
	NC1-3	Corrector of NPN Transistor		PT	Protect for V Voltage
	NCLR	Power On Reset		PWM	Pulse Width Modulation
	NCP1	Clamp Pulse		PWMB	Pulse Width Modulation Pulse
	NCP2+VDH	Clamp Pulse + Horizontal Drive Pulse		1 VVIVID	r dise widin woddiadon r dise
	NCP2+VDM	Clamp Pulse + Gate Pulse	Q	Q2H	Source Output Select
	NDE	Non Liner De-Emphasis	٦	QZII	Source Output delect
	NE	Emitor of NPN Transistor	R	R CTL P	Recorded Control Pulse (+)
			П	R CTL R	Recorded Control Pulse (+)
	NLE NR	Non Liner Emphasis Noise Reduction		R/B	Read/Busy
	NRD	Non Rec Data		R/L	Direction Control for Data Transmition
				R/L RA	Recording AMP
	NRD BLK	Non Rec Data Blanking No Rec Data Clock			
	NRD CLK			RA1	Rec AMP 1
	NRE	Read Enable Input (Low Active)		RAC AC	Rec Audio Current
	NWE	Write Enable (Low Active)		RAD	Read Address Data
<u></u>	OP	Ontinal Plank		RAE	Read Address Enable
0	OBCNIT	Optical Black		RB	Read Busy
	OBCNT	Optical Black Control		R-B	R Bias
	OBREF	Reference Voltage for Optical Black Control		RCB	R Carrier Balance
	OE	Output Enable		RE	Read Enable
	OFH	Horizontal Counted Down Clock Signal (Reference)		RE(F), (S)	Rotary Erase Head Transformer
	OFS	Offset		REB	R Bias
	OP	Operation AMP Output		REC CC	Rec Current Control
	OSD	ON Screen Display		REC CCNT	Rec Current Control
	OVL	Overlap Pulse		RECCTRL	Recording Control Pulse
	OZ	Optical Zoom	Ш	RECI	Rec Amp Switch

	INITIAL/LOGO	ABBREVIATIONS	Ι	INITIAL/LOGO	ABBREVIATIONS
	RENCF	Lens Control (Forward)		SWB	Switching Pre-Drive Pulse
	RENCR	Lens Control (Reverse)		SYL EC	Cylinder Torque Control
	RERASE	Rotary Erase Head		SYL FG	Cylinder FG
	RGBIV1-2	1V Inverted Signal 1-2			
	RGO R/G OFF	Offset Voltage for AWT R	Т	T PHOT	Take-up Photo Transistor
	RSF	Capstan Direction (Reverse / Stop / Forward)		TBC	Time Base Conntrol
	RST	Reset		TFT	Thim Film Transistor
	RSTB	R Strobe		TH	Thermostat for Battery
	RSTPWD	Reset Power Down Input		TI	Test Mode Select
	RSTR	Reset Read		TL	Torque Limit
	RSTW	Reset Write		TM	Sub Code
	RT	Saw Tooth Terminal		TMD	Sub Code Data
	RVCO	Resister for Oscillation		TRE	Tracking Error Signal
	RW	Read Write		TREEL(P)	Take-up Reel (Pulse)
	RWAE	Read Write Enable		TRFIX	Tracking Fix
				TRIWAVE	Tracking Wave
s	S PHOT	Supply Photo Transistor	1	TRP	Tracking Position
	S/H	Sampling Hold		TRP	Trap
	S/S	Start/Stop		TSR	Head Switching Refference
	SBD	Serial Data		TST	Time Scale Transfer
	SBI	Serial Data Input			
	SBO	Serial Data Output	U	U/V SEL	R-Y/B-Y Select Signal
	SBT	Serial Clock		UNLOAD	Un-Loading
	SCAN0-5	Key Scan 0-5		UNRE	Microprocessor Read Enable
	SCK	Serial Clock		UNWE	Microprocessor Write Enable
	SCR	Search		UV	R-Y/B-Y
	SCR, S.C.R.	Still Cue Review		UV SEL	R-Y/B-Y Select Signal
	SEG.	Segment			Ü
	SET	White Balance Set	V	V1-V4	V. CCD Drive Pulse
	SH/IRIS	Shutter/Iris Control		VB	VH Filter Switching
	SHIFT	Capasitor for Phase Shift		VCE	Power Terminal
	SI	Serial Data Input		VCNTL	Video Control
	SIC	Shift In Clock Input		VCO	Voltage Control Oscillator
	SIOC	Serial In/Out Control		VCP	Shift Clock Output for Vertical Drive
	SMCE	Shaffling Memory Chip Enable		VCTLD	Video Control
	SMRS	Shaffling Memory Read Strobe		VCTRL	Voltage Charge Control
	SMWE	Shaffling Memory Write Enable		VD	Vertical Drive Pulse
	SMWS	Shaffling Memory Read Strobe		VDDX	X Drive Power for Colour LCD
	SNAP	Snap Shot		VDDXY	XY Drive Power for Colour LCD
	SNS LED	Sensor LED		VDDY	Y Drive Power for Colour LCD
	SO	Serial Data Output		VDREC	Video Delayed Rec
	SPA	ATF Smapling Pulse		Vgg	Voltage for Gate IC
	SPEN	8 Bit Shift Register Enable		Vgl	Gate off Voltage
	SPK	Speaker		VID	Video Signal Out
	SPO	Reset for Switcing Power		VIN	Video In
	SPST	8 Bit Shift Register Strobe		VITC	Vertical Interval Time Code
	SREELP	Supply Reel Pulse		VITERBI	One of Signal Detection Method
	SRT	Start		VL	Low Voltage
	SSA	Start Sync block Area		VLC	Variable Length Cording
	SSW	Select Signal for Low Pass Filter		VLOCKP	Artificial Sync Pulse
	ST5V	Safety Tab 5V		VLP	Artificial Sync Pulse
	STAB	Safety Tab Switch		VM	Motor Voltage
	STB	Stand by Signal		VMD	Velocity Mode Data
1	STB	Strobe		VMD1-3	Electric Shutter Mode

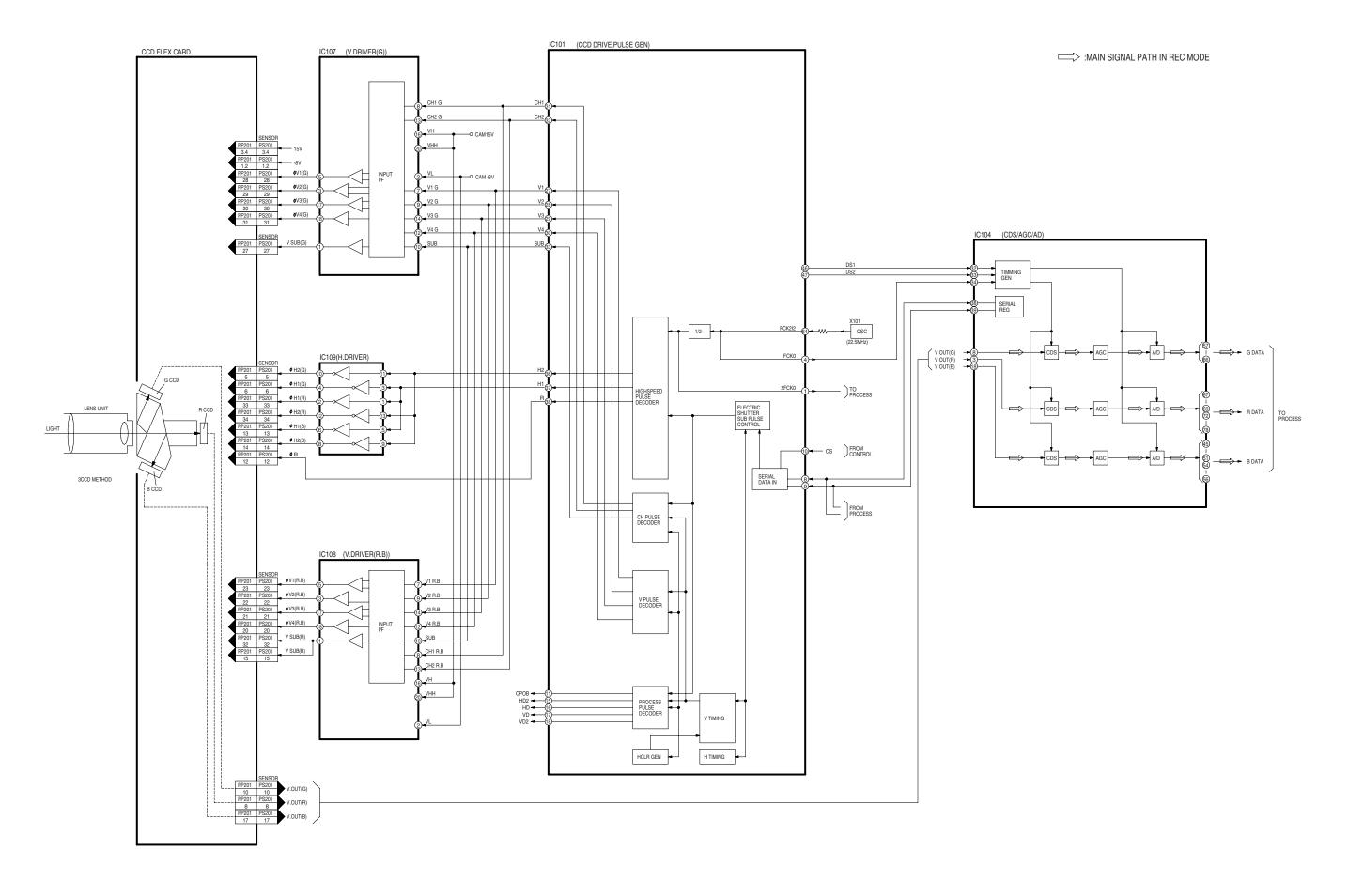
	INITIAL/LOGO	ABBREVIATIONS	INITIAL/LOGO	ABBREVIATIONS
	VMODE	NTSC/PAL Select Switch		
	VMVH	VH Filter Switching		
	VORP	Video Overlap		
	VRB	Voltage Refference Bottom		
	VRBS	Voltage Refference Bottom Output		
	VREF1R3V	Refference Voltage 1.3V		
	VREF3R3V	Refference Voltage 3.3V		
	VREFH	Refference Voltage High Side		
	VREFL	Refference Voltage Low Side		
	VRI	Refference Voltage Input		
	VRO	Refference Voltage Output		
	VRT	Voltage Refference Top		
	VRTS	Voltage Refference Top Output		
	VS	Switching Comparator		
	VSS	Vertical Sync Signal		
	VSSX	X Driver Power for Colour LCD		
	VSSXY	X-Y Driver Power for Colour LCD		
	100711			
w	W/N	Mode Select for Window Mode		
	W/N	Wide / Normal		
	WAD	Write Address Enable		
	WAE	Write Address Enable		
	WAERAE	Write Address Enable		
	WARI	Interrupt		
	WB	White Balance		
	WE	Write Enable		
	WEM	Memory Write Enable		
	WHD	Wide Horizontal Drive Pulse		
	WIDE A	Wide Zoom		
	WSB	B AGC Control		
	WSR	R AGC Control		
	WTV	Wide TV		
X	XP	FG Logic Reset		
Y	Y FM0-7	Y Field Memory 0-7		
'	YCE	Cylinder Error Code		
	YGC	Y Gain Control		
	YMO 0-7	Y Field Memory 0-7		
	YNCST	Noize Canceller		
	YNR	Luminance Noise Reduction		
	YSDP 0-7	Digital Y Out 0-7		
Z	Z.ENC	Zoom Encoder		
	Z.MIC	Zoom Mic		
	ZENC	Zoom Encoder Output		
	ZMDIR	Zoom Drive		
	ZMEN	Zoom Enable		
	ZMT	Zoom Motor Tele Side		
	ZMT (+)/(-)	Zoom Motor (+)/(–)		
	ZMTER	Zoom Motor Tele Side		
	ZMW	Zoom Motor Wide Side		
	ZSW	Zoom Switch		

7 BLOCK DIAGRAMS

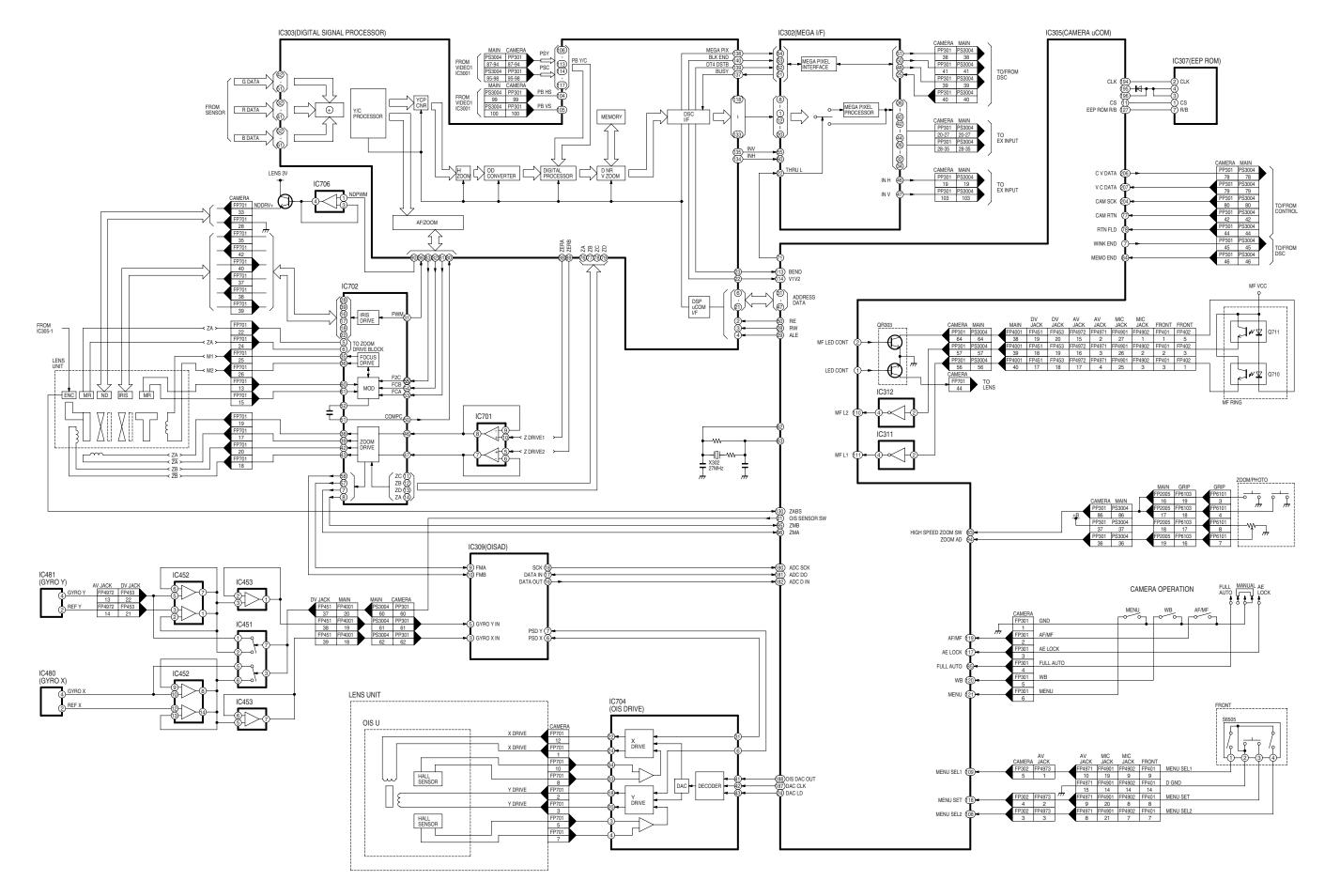
7.1. OVERALL BLOCK DIAGRAM



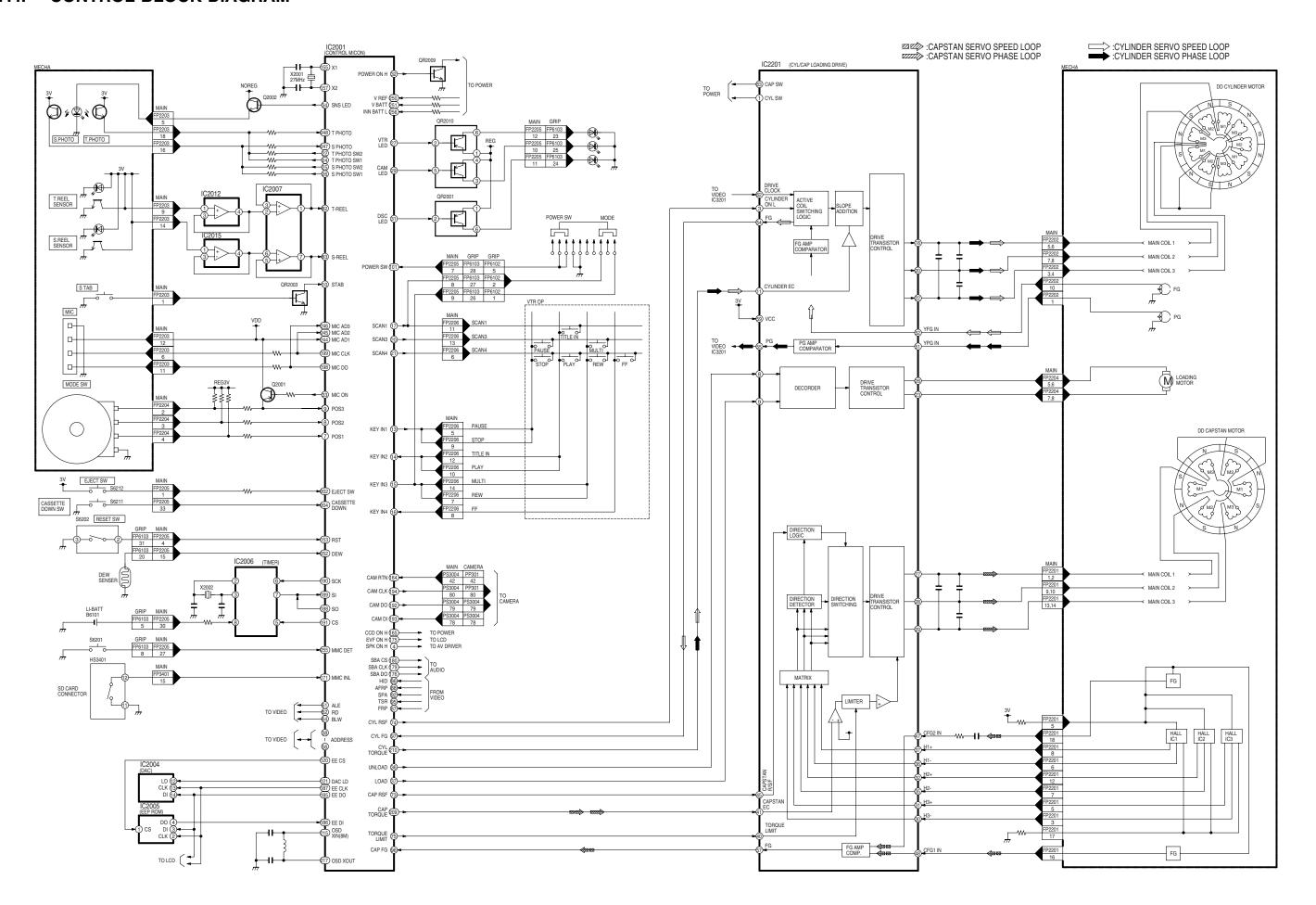
7.2. SENSOR BLOCK DIAGRAM



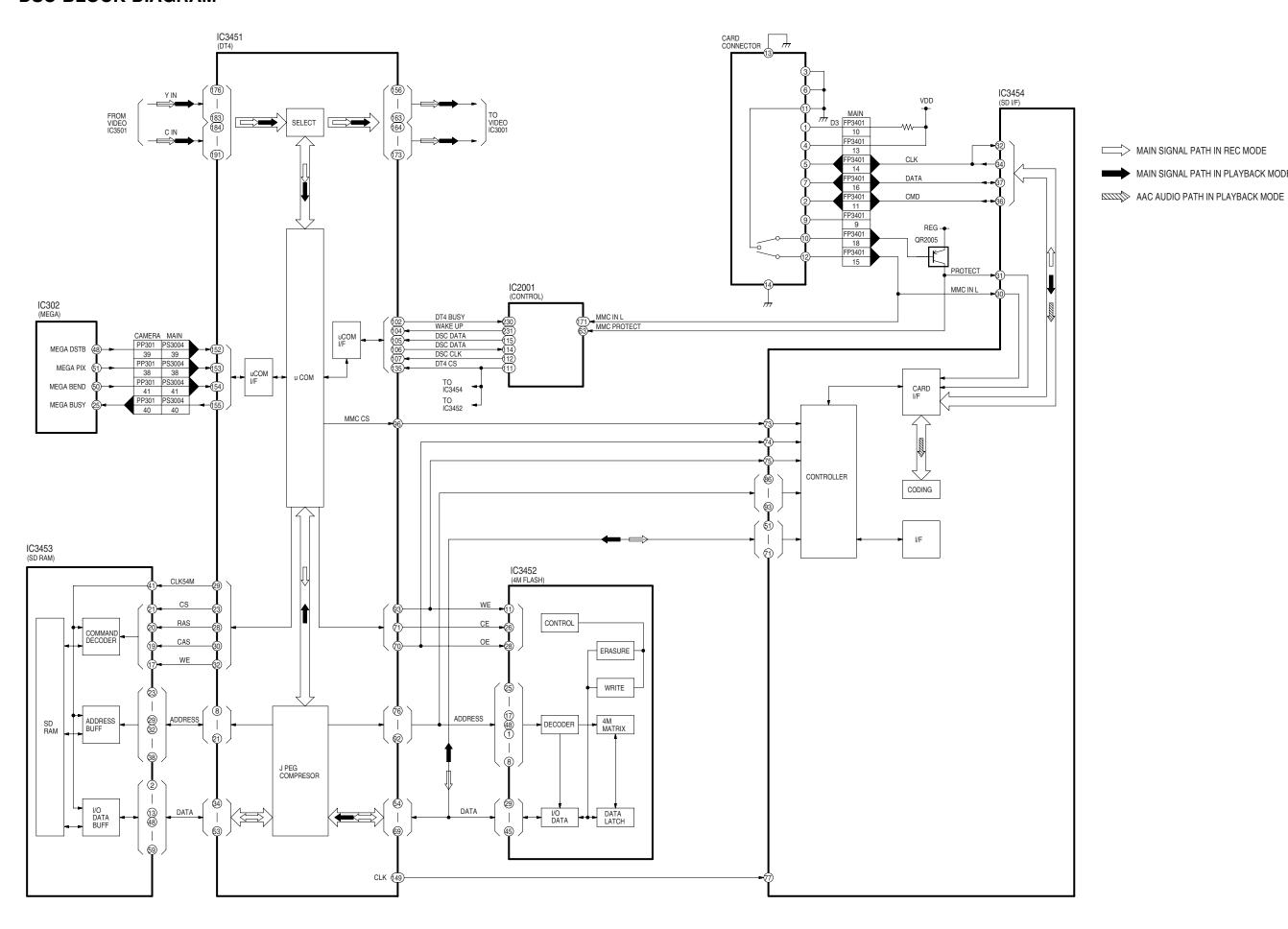
7.3. PROCESS BLOCK DIAGRAM



7.4. CONTROL BLOCK DIAGRAM

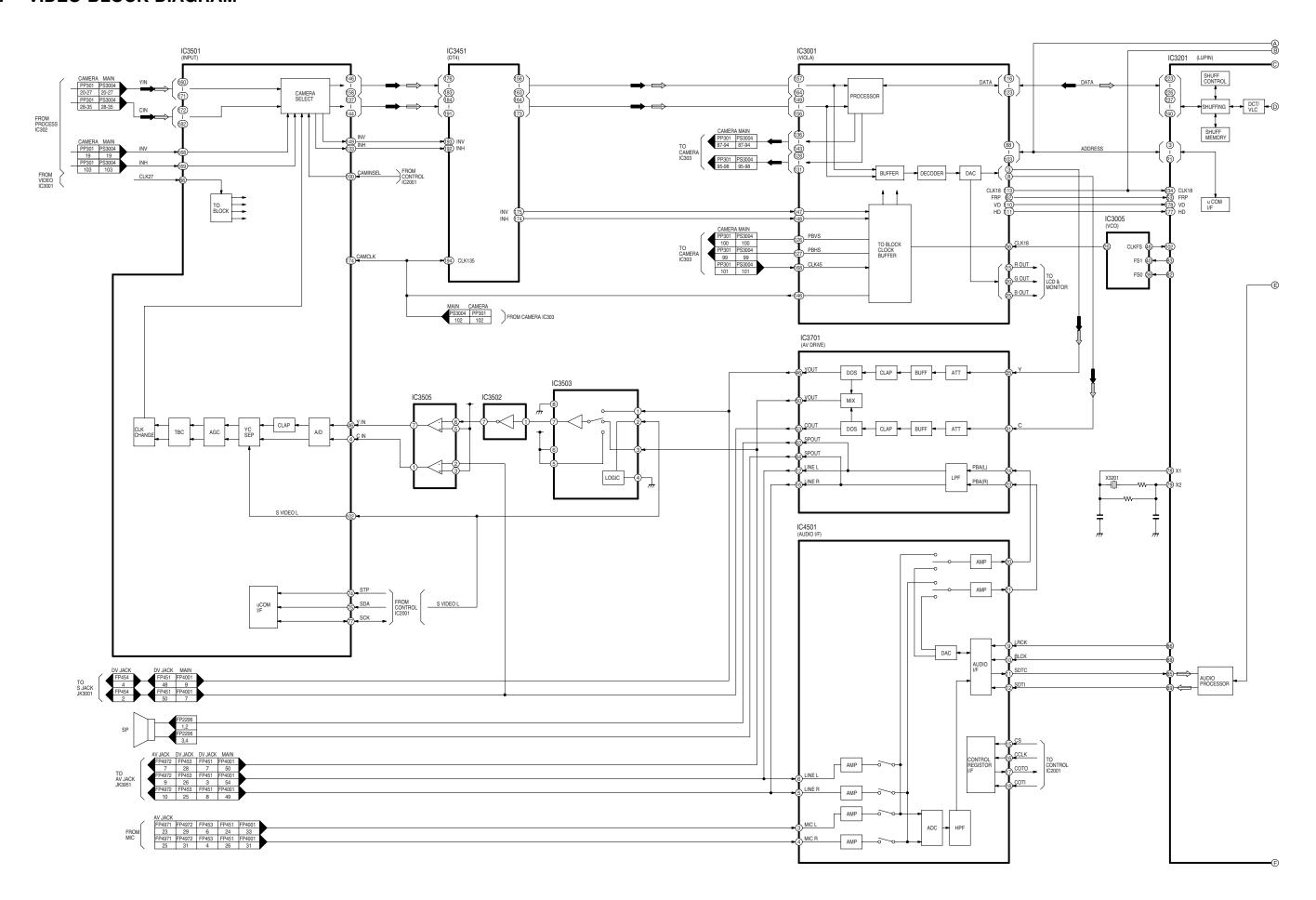


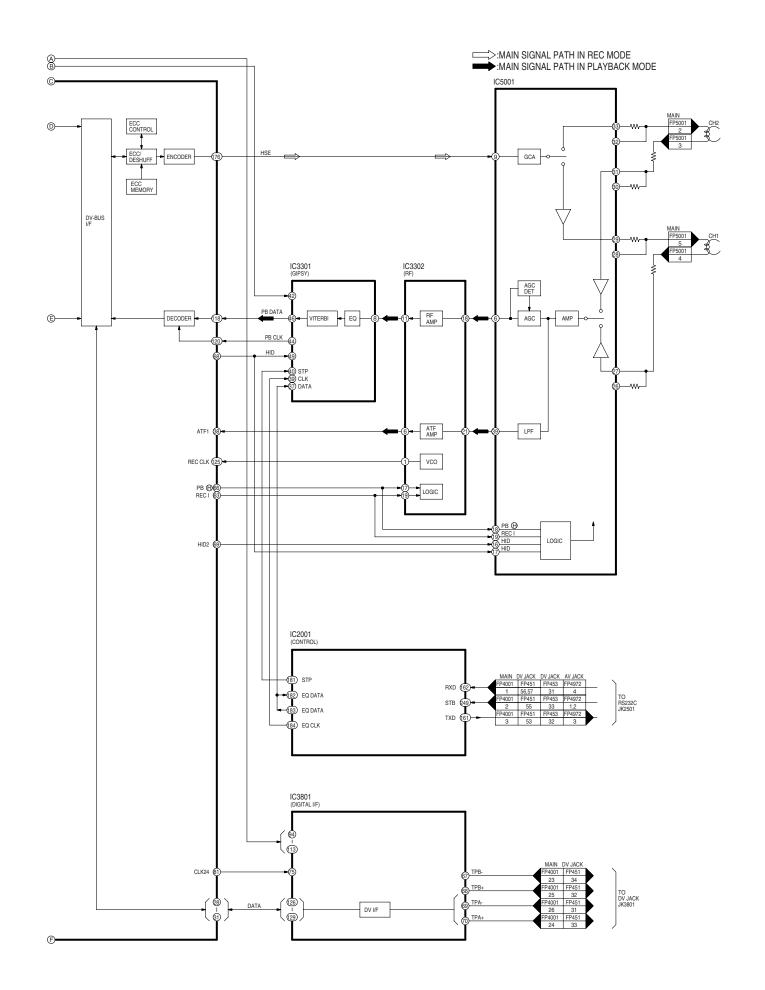
7.5. DSC BLOCK DIAGRAM



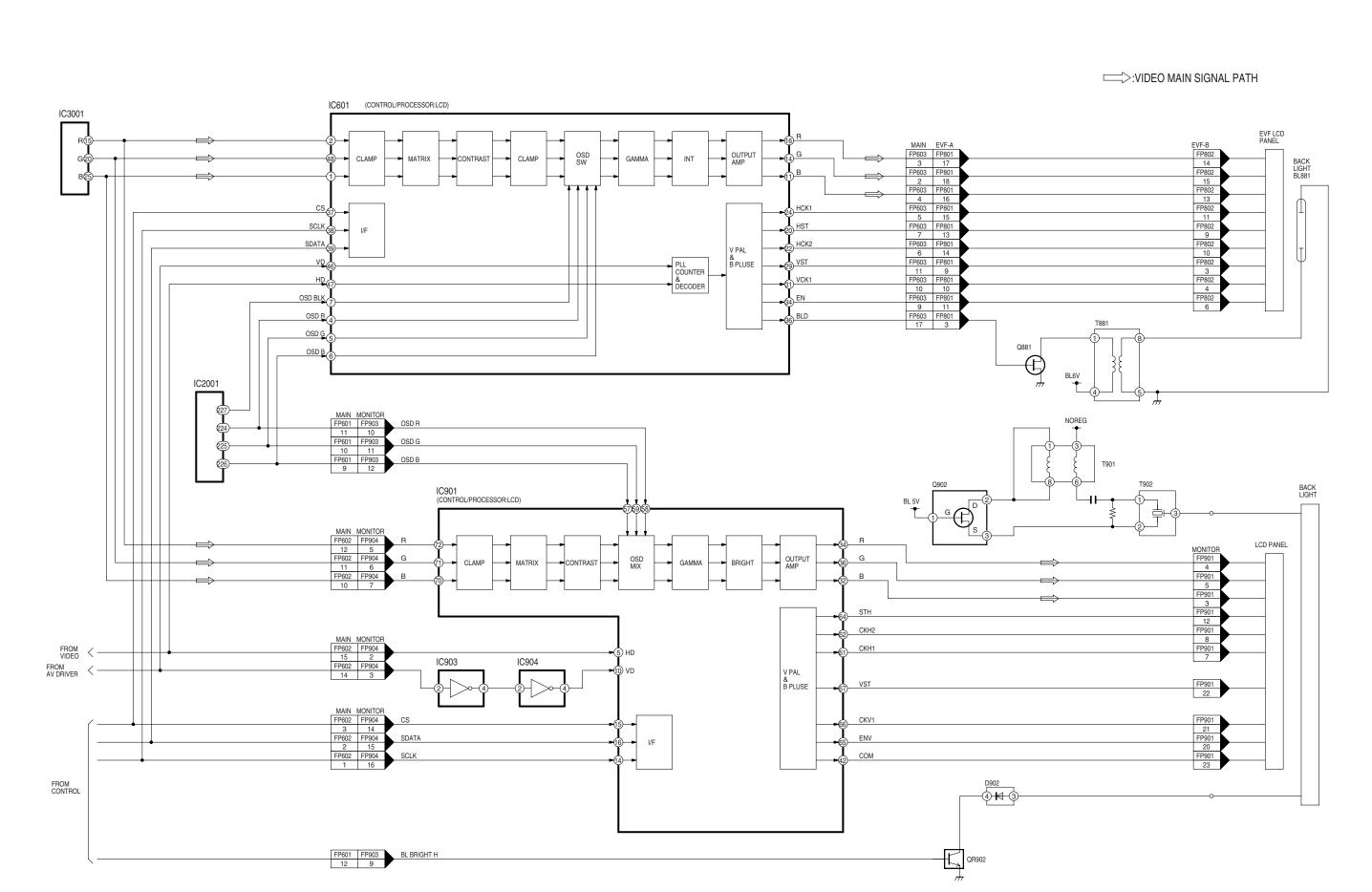
MAIN SIGNAL PATH IN PLAYBACK MODE

7.6. VIDEO BLOCK DIAGRAM



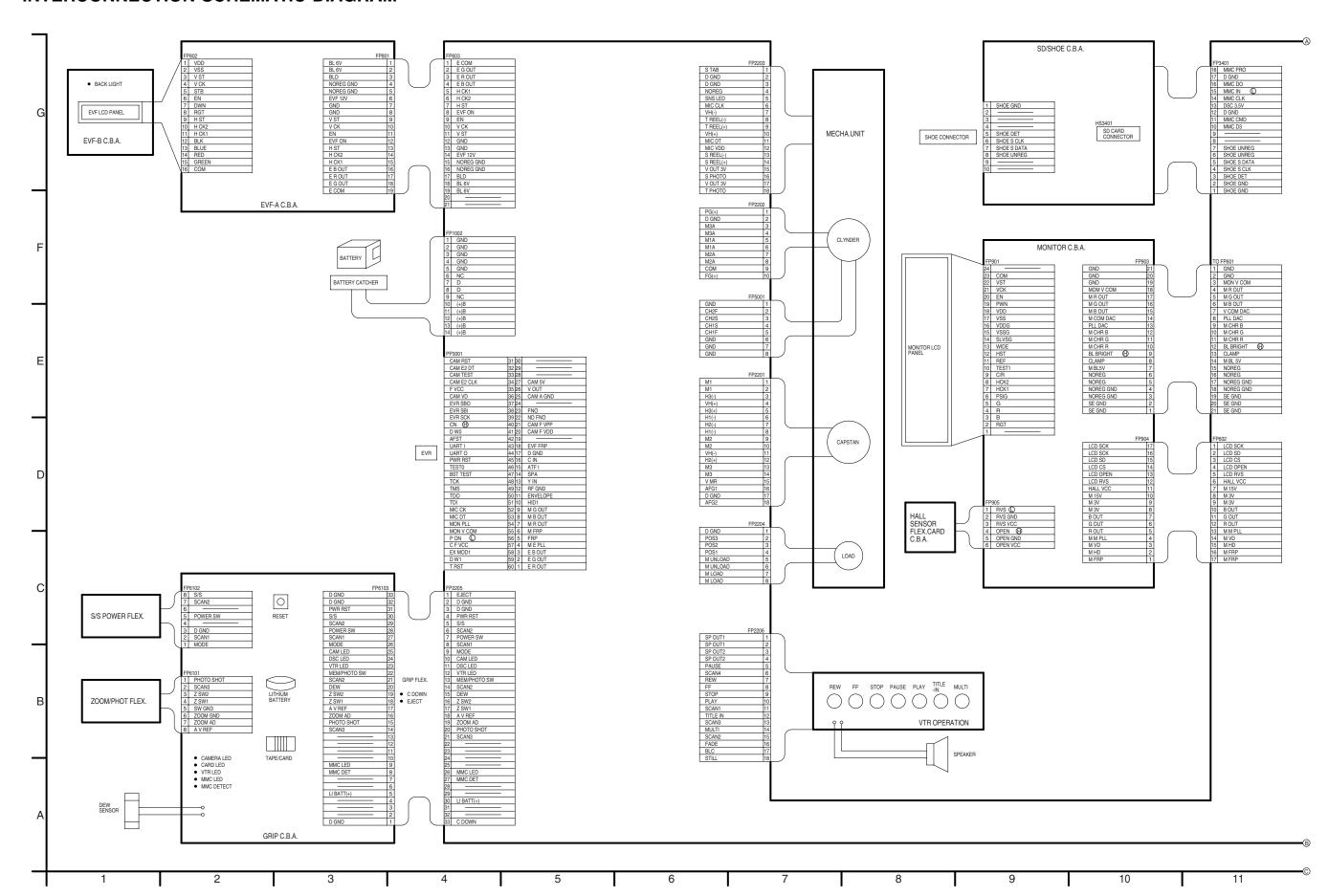


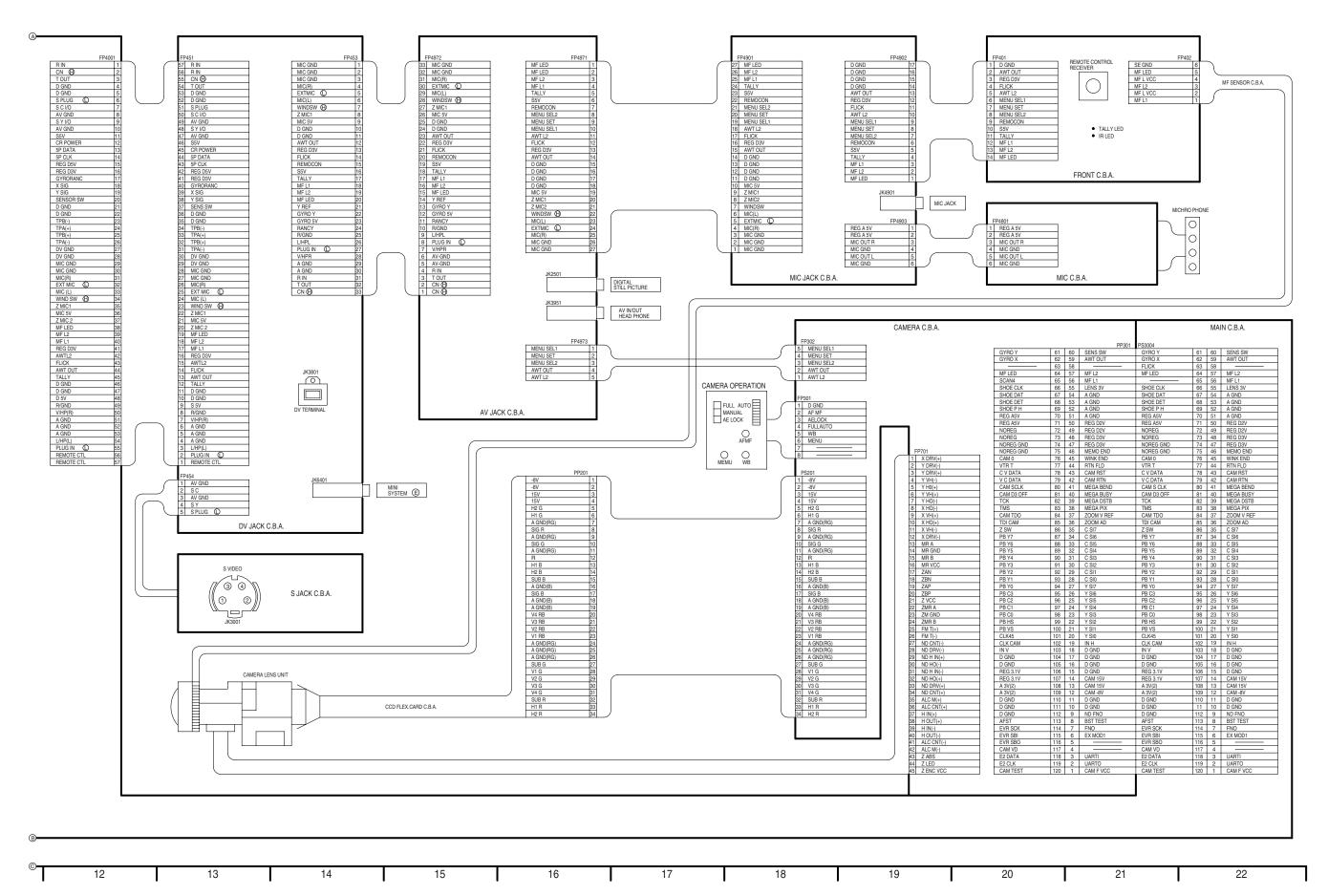
7.7. MONITOR BLOCK DIAGRAM



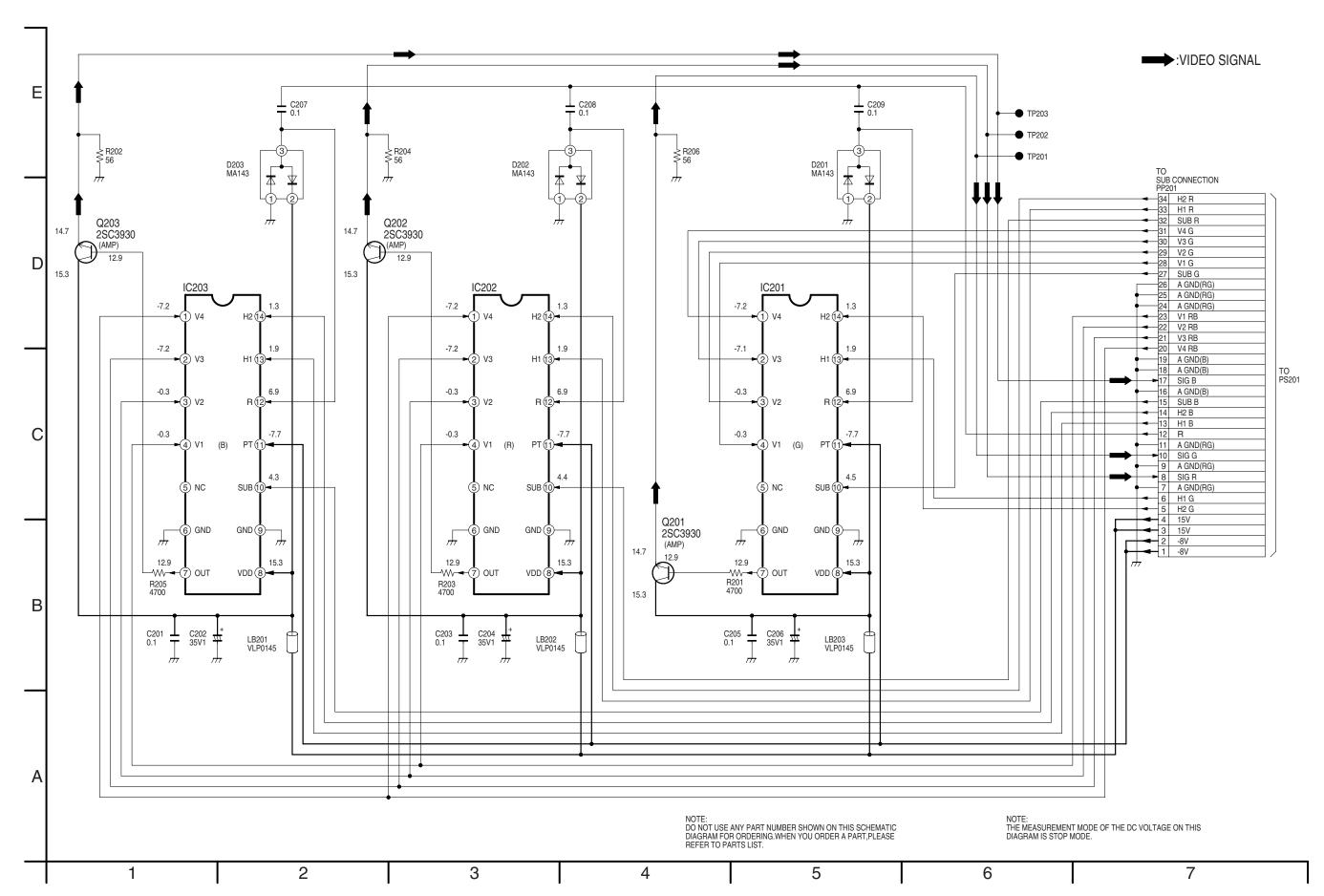
8 SCHEMATIC DIAGRAMS

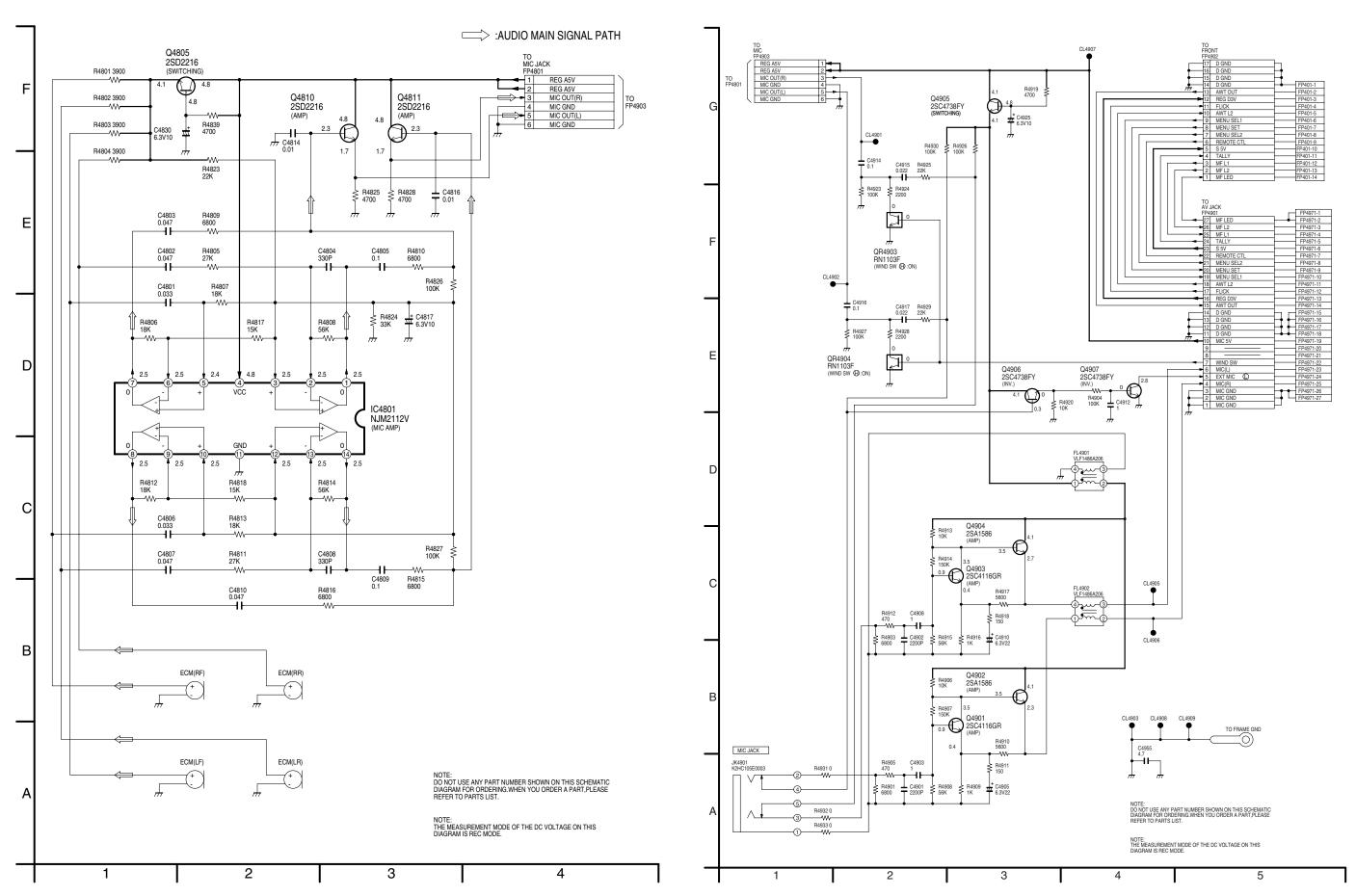
8.1. INTERCONNECTION SCHEMATIC DIAGRAM



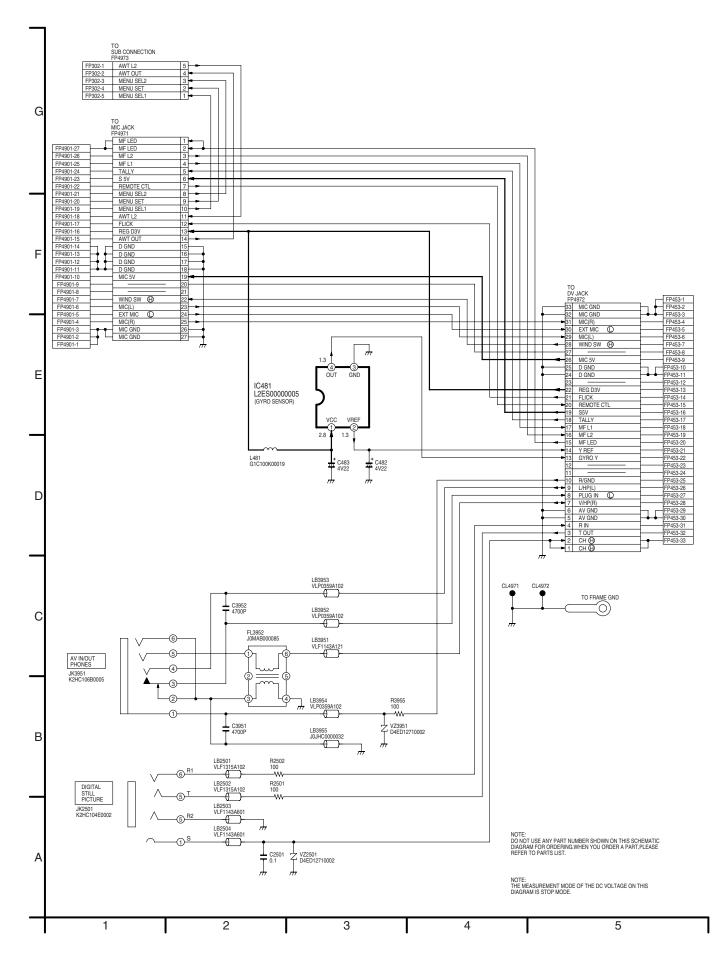


8.2. CCD FLEX. CARD SCHEMATIC DIAGRAM

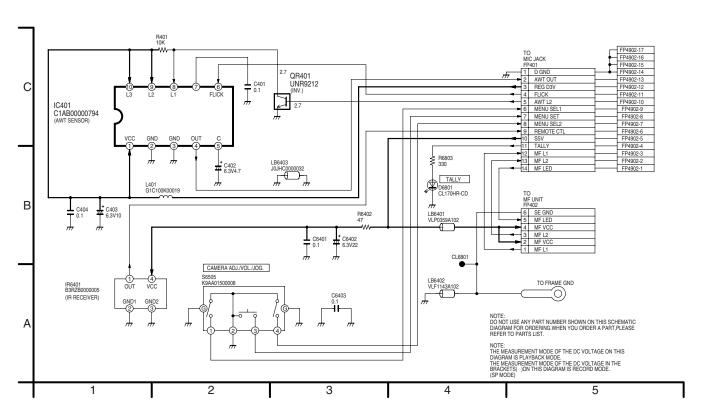




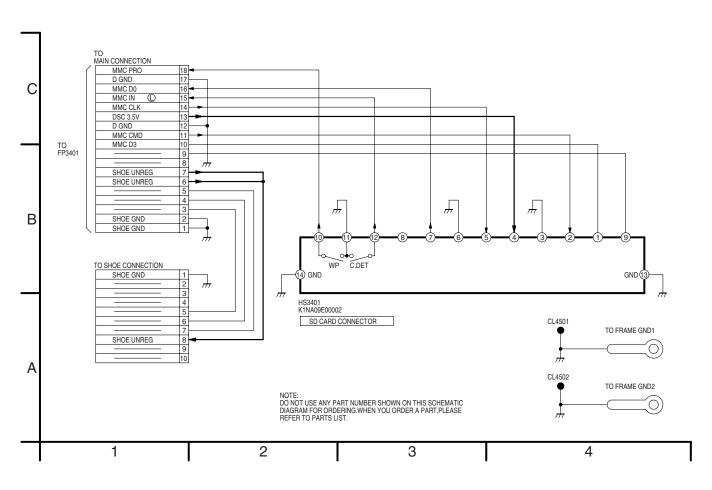
8.5. AV JACK SCHEMATIC DIAGRAM

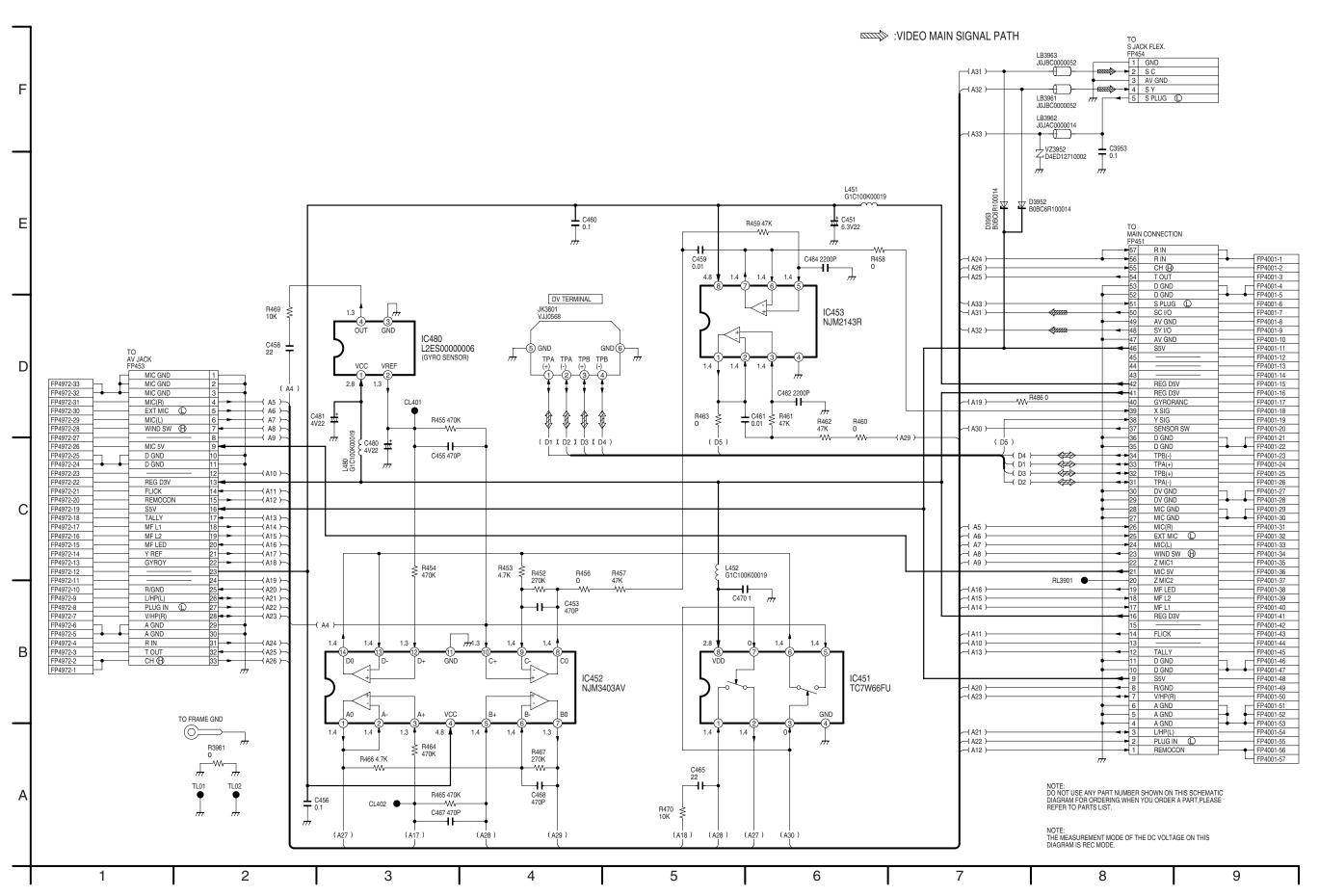


8.6. FRONT SCHEMATIC DIAGRAM

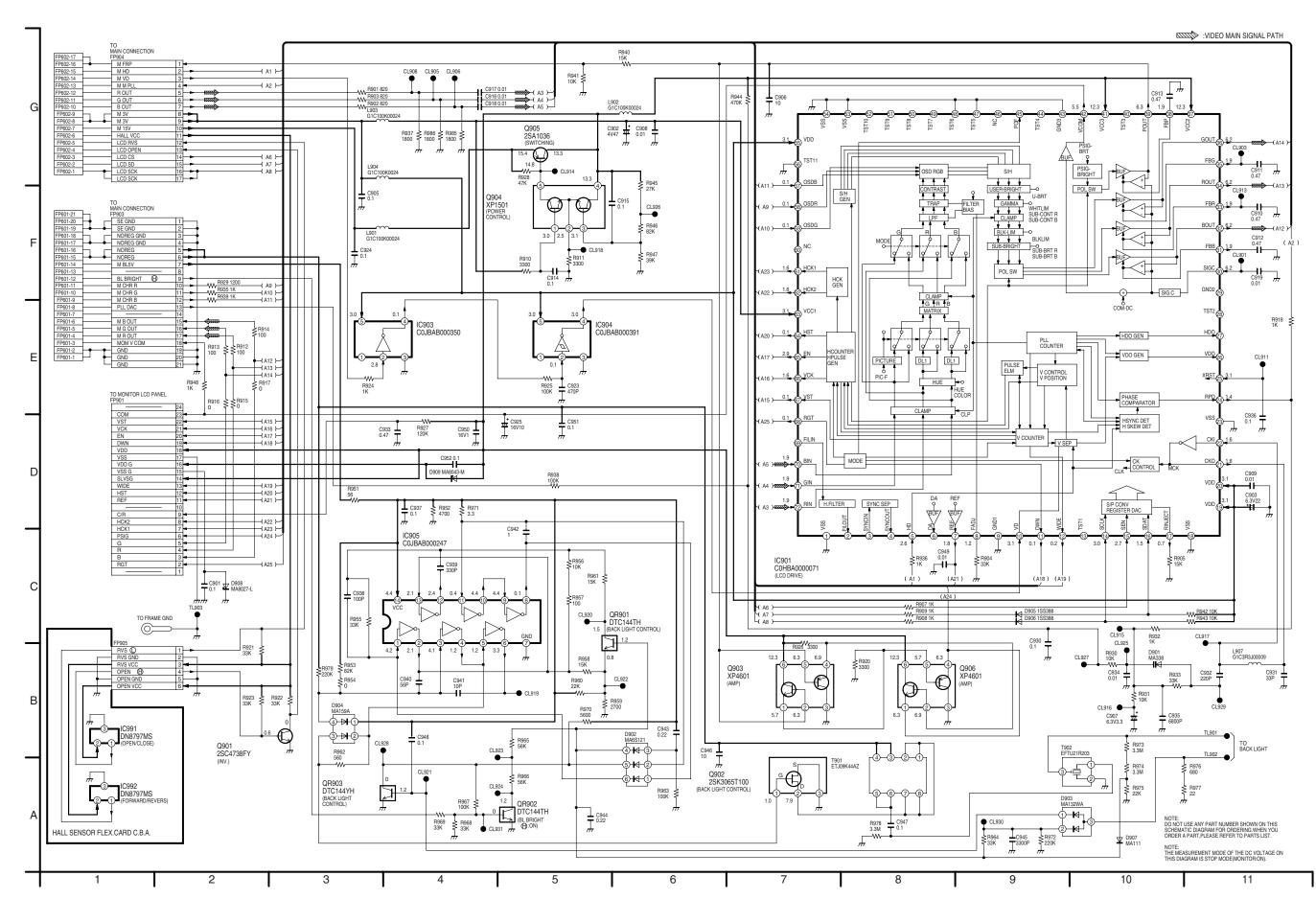


8.7. SD FLEX. CARD UNIT SCHEMATIC DIAGRAM

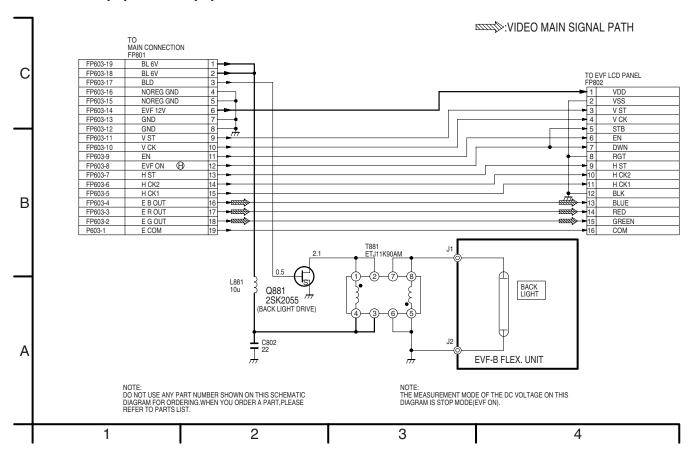




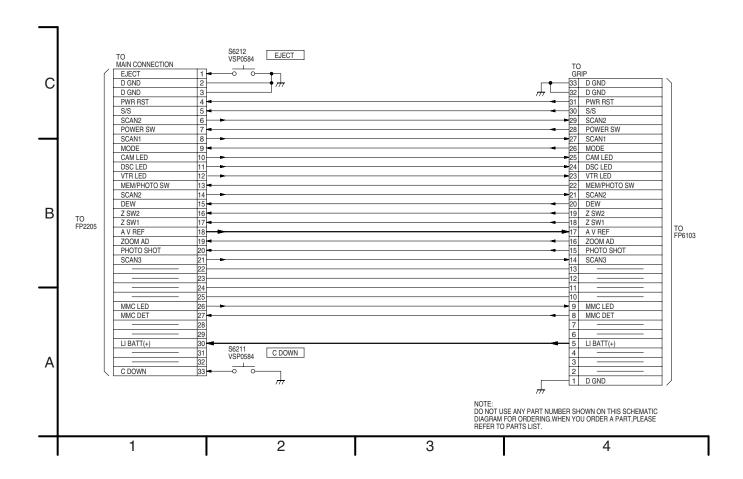
8.9. MONITOR & HALL SENSOR FLEX. UNIT SCHEMATIC DIAGRAM



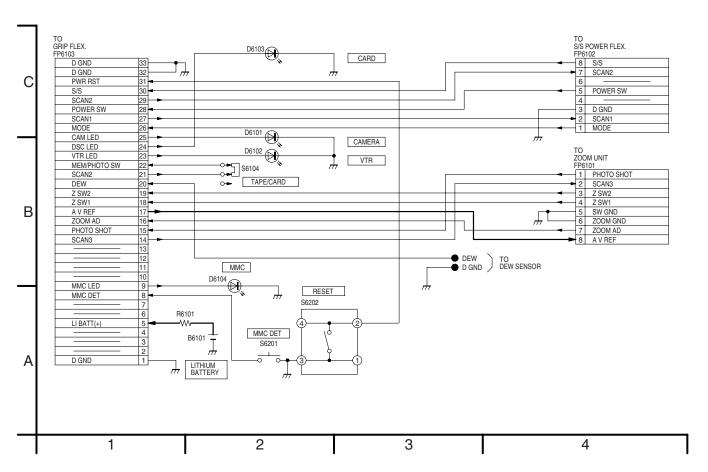
8.10. EVF(A) & EVF(B) FLEX. UNIT SCHEMATIC DIAGRAM



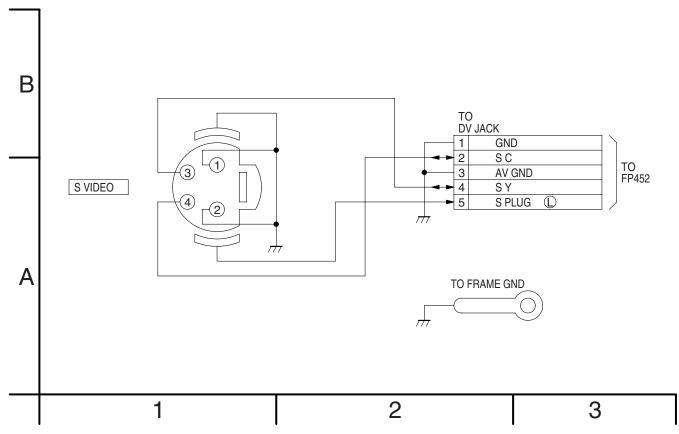
8.11. GRIP FLEX. CARD SCHEMATIC DIAGRAM



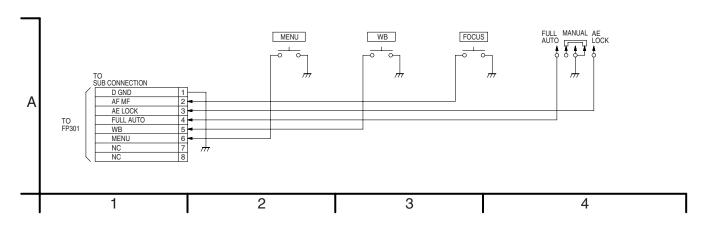
8.12. GRIP SCHEMATIC DIAGRAM



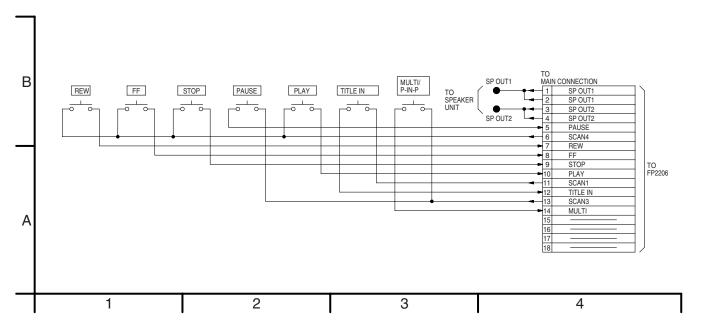
8.13. S JACK FLLEX. UNIT SCHEMATIC DIAGRAM



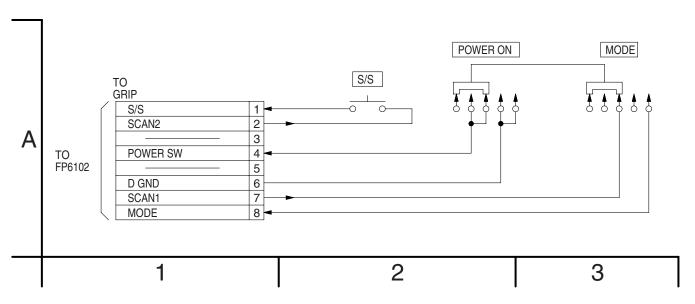
8.14. CAMERA OPERATION UNIT SCHEMATIC DIAGRAM



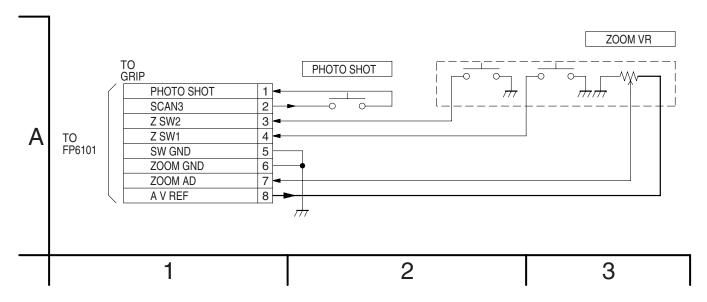
8.15. VTR OPERATION FLEX. UNIT SCHEMATIC DIAGRAM



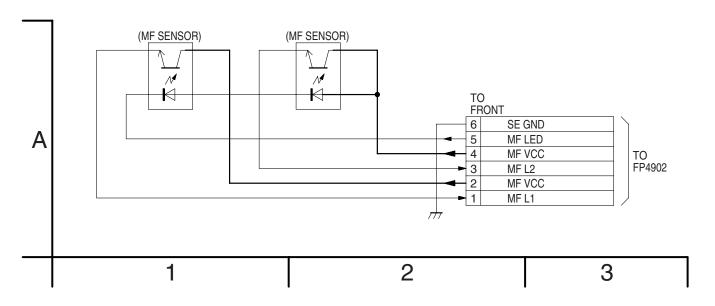
8.16. S/S POWER FLEX. SCHEMATIC DIAGRAM



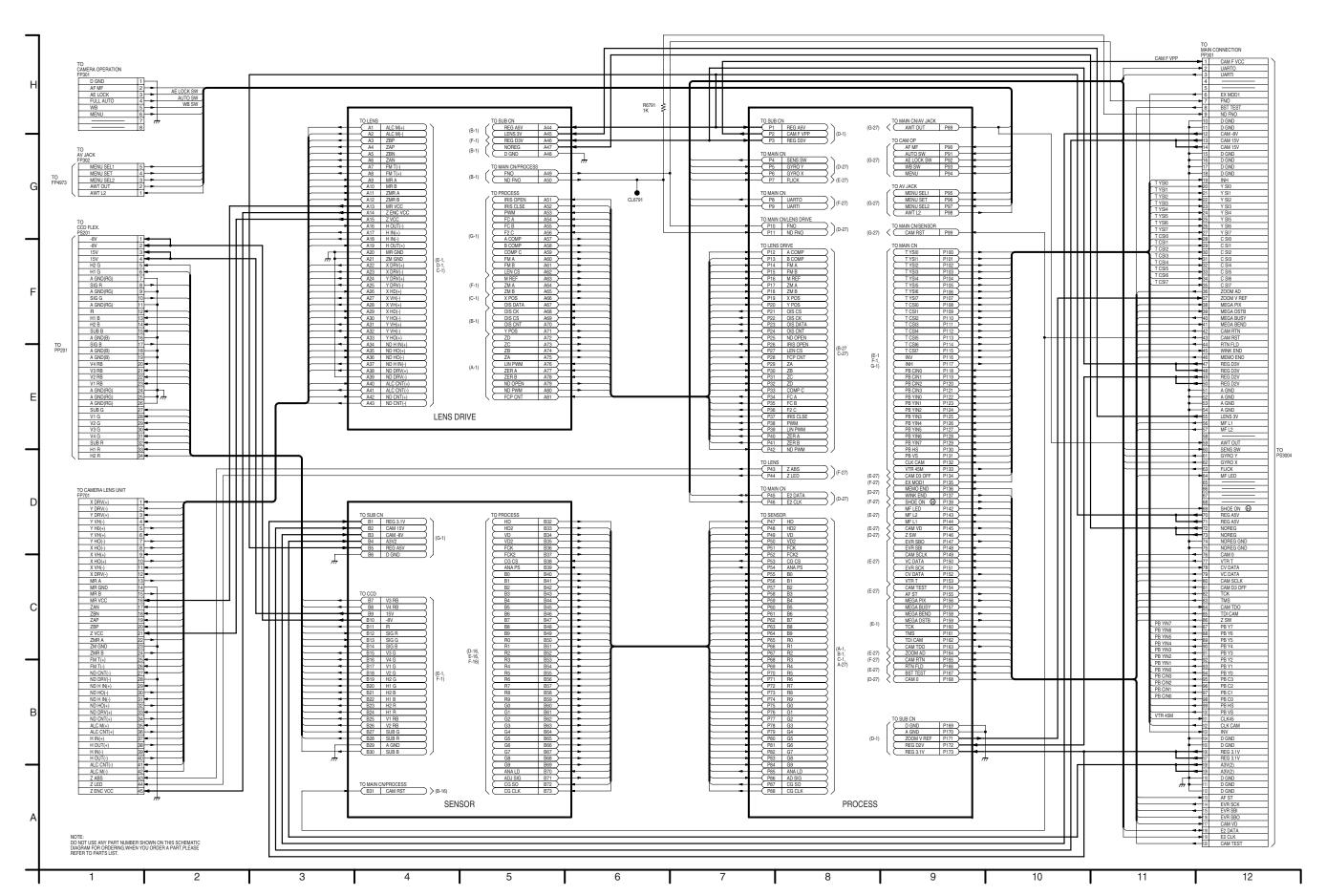
8.17. ZOOM UNIT SCHEMATIC DIAGRAM

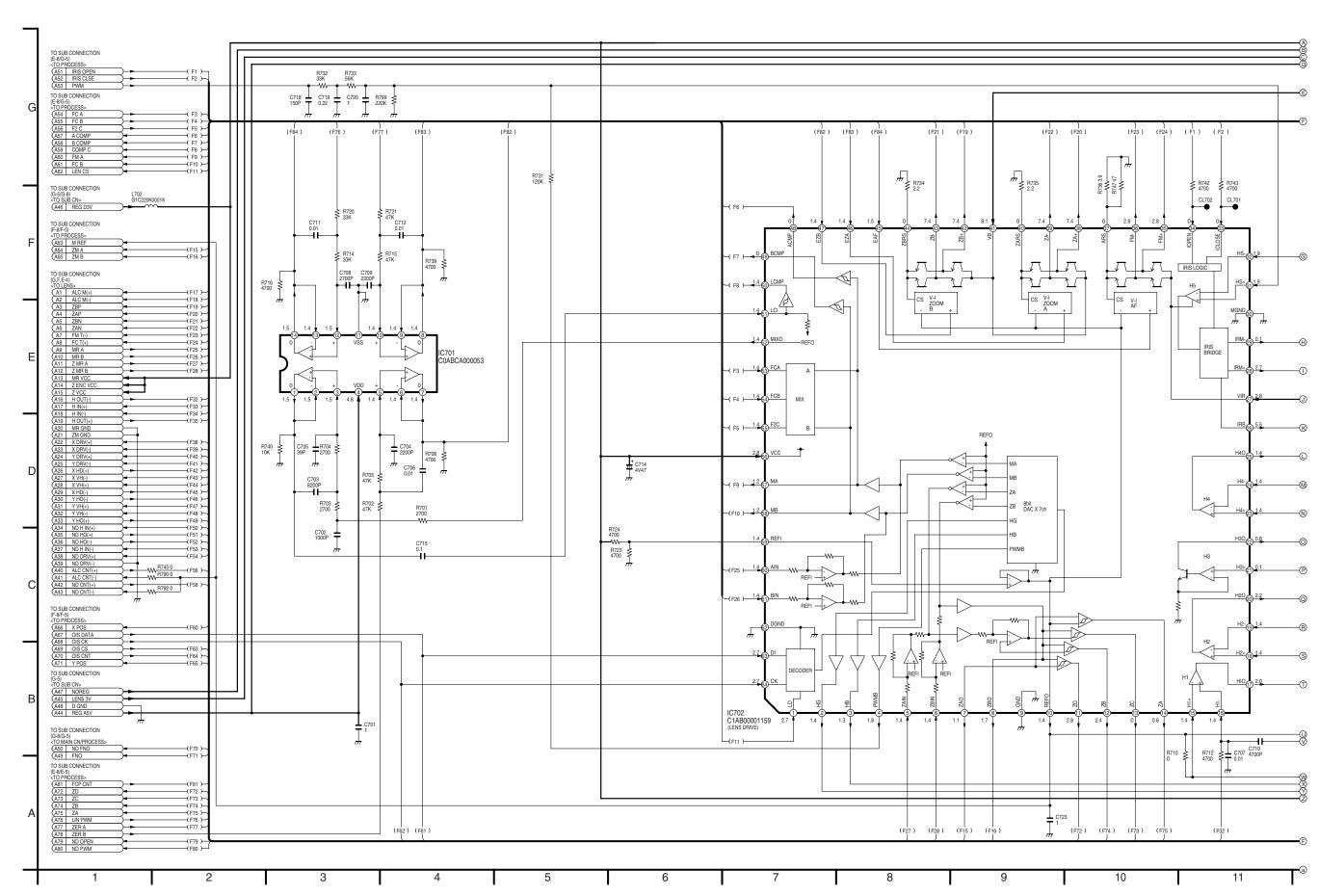


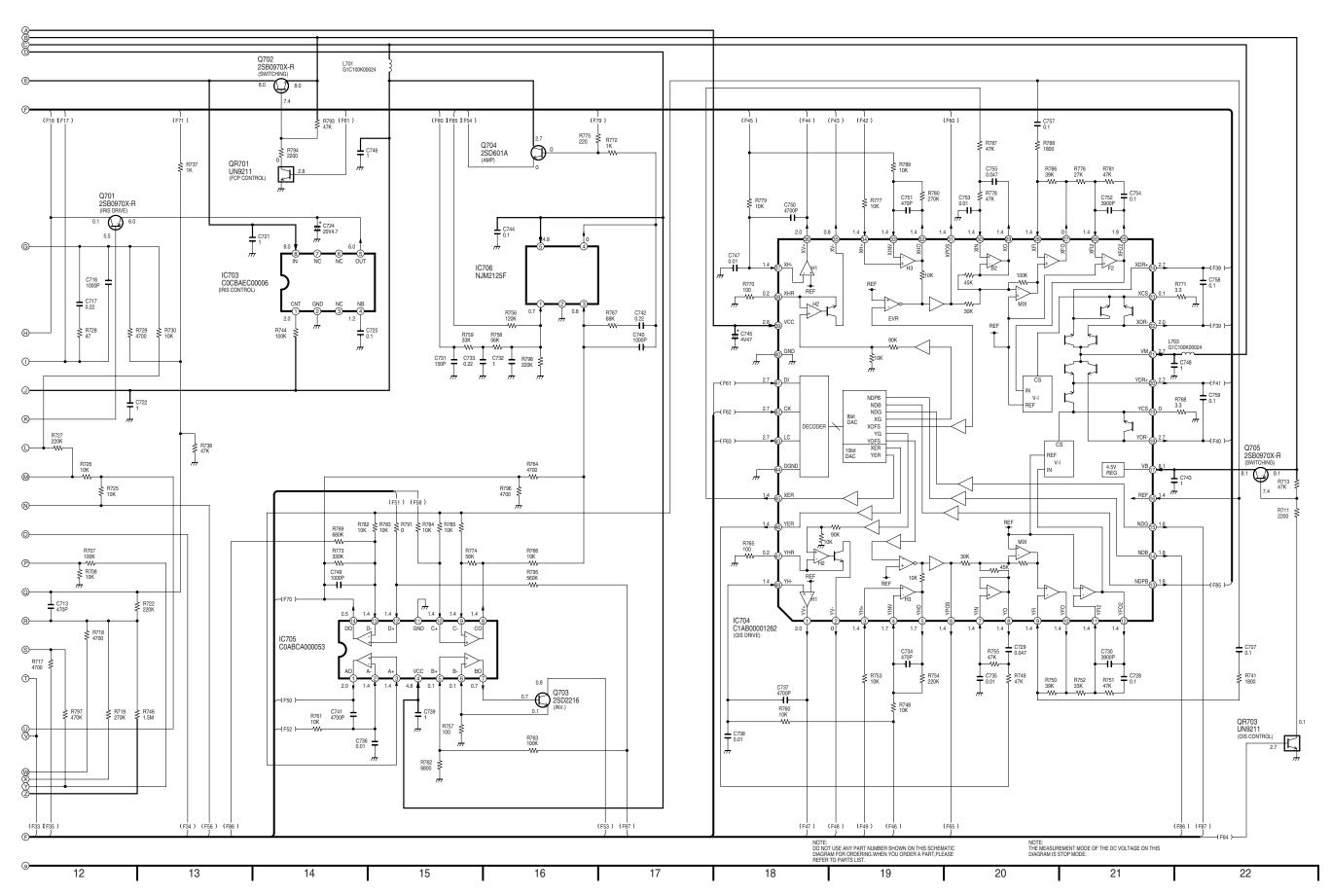
8.18. MF UNIT SCHEMATIC DIAGRAM



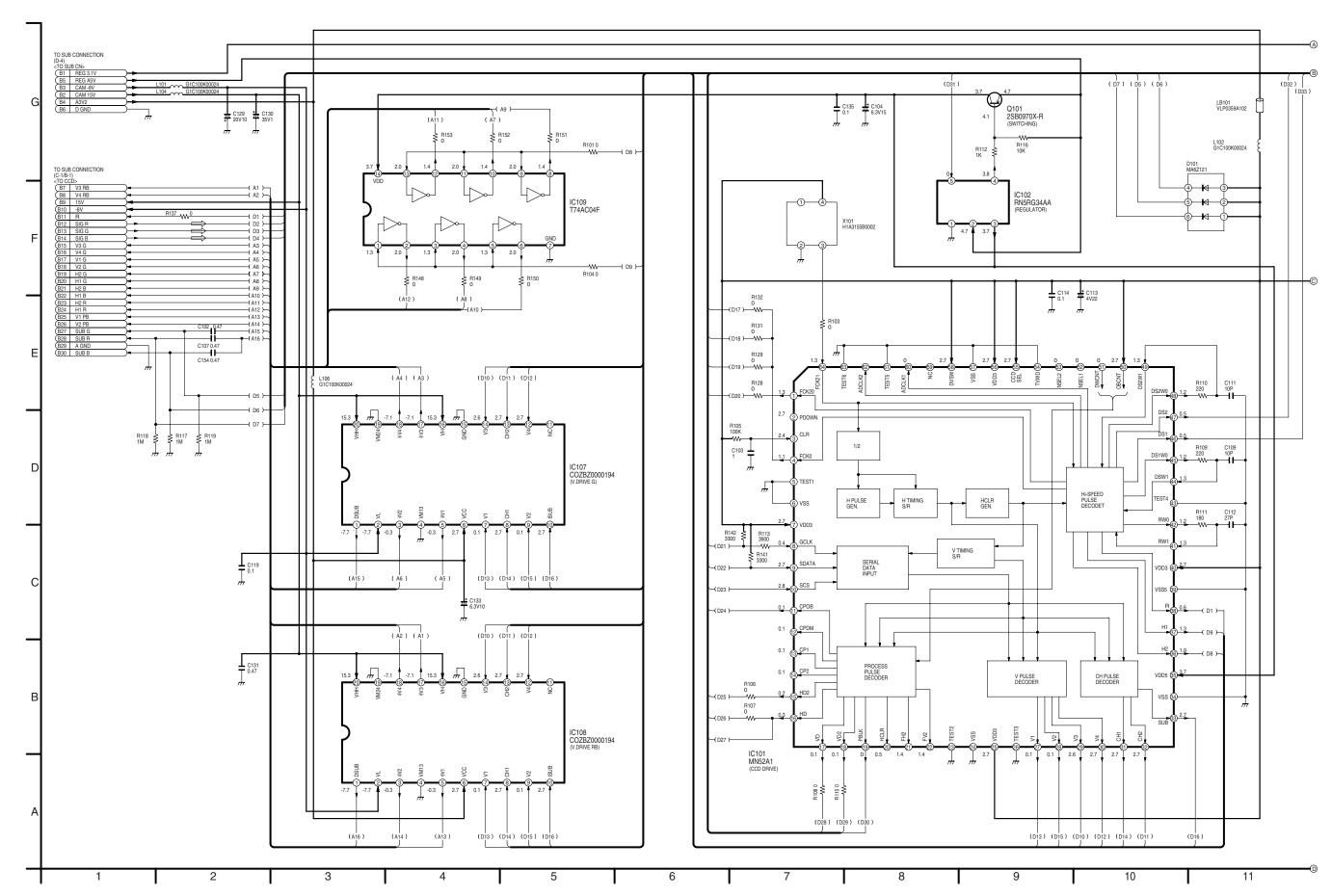
8.19. SUB CONNECTION SCHEMATIC DIAGRAM

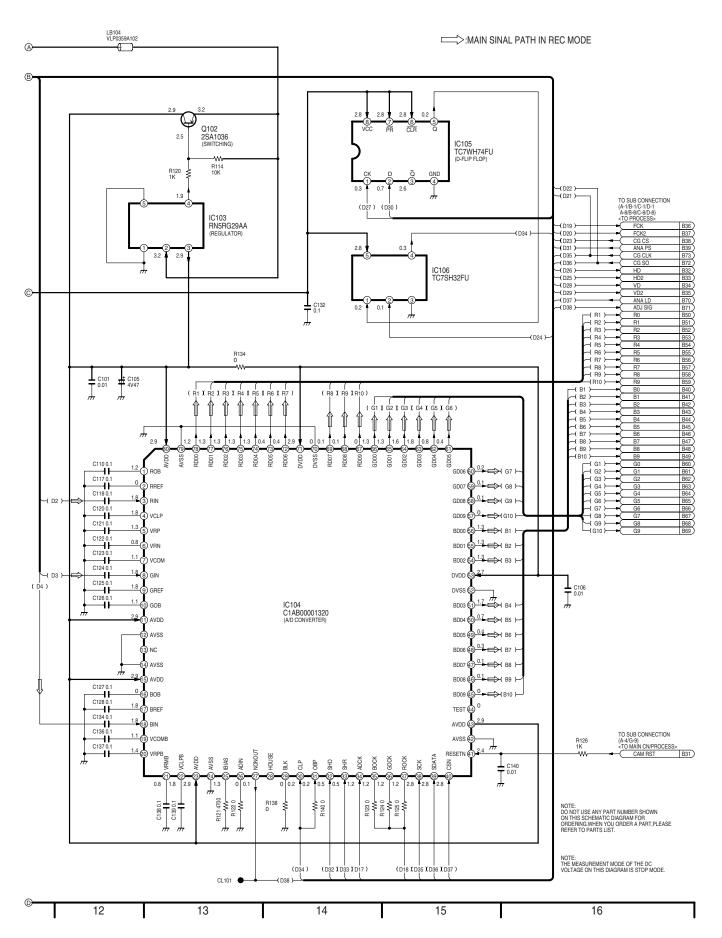


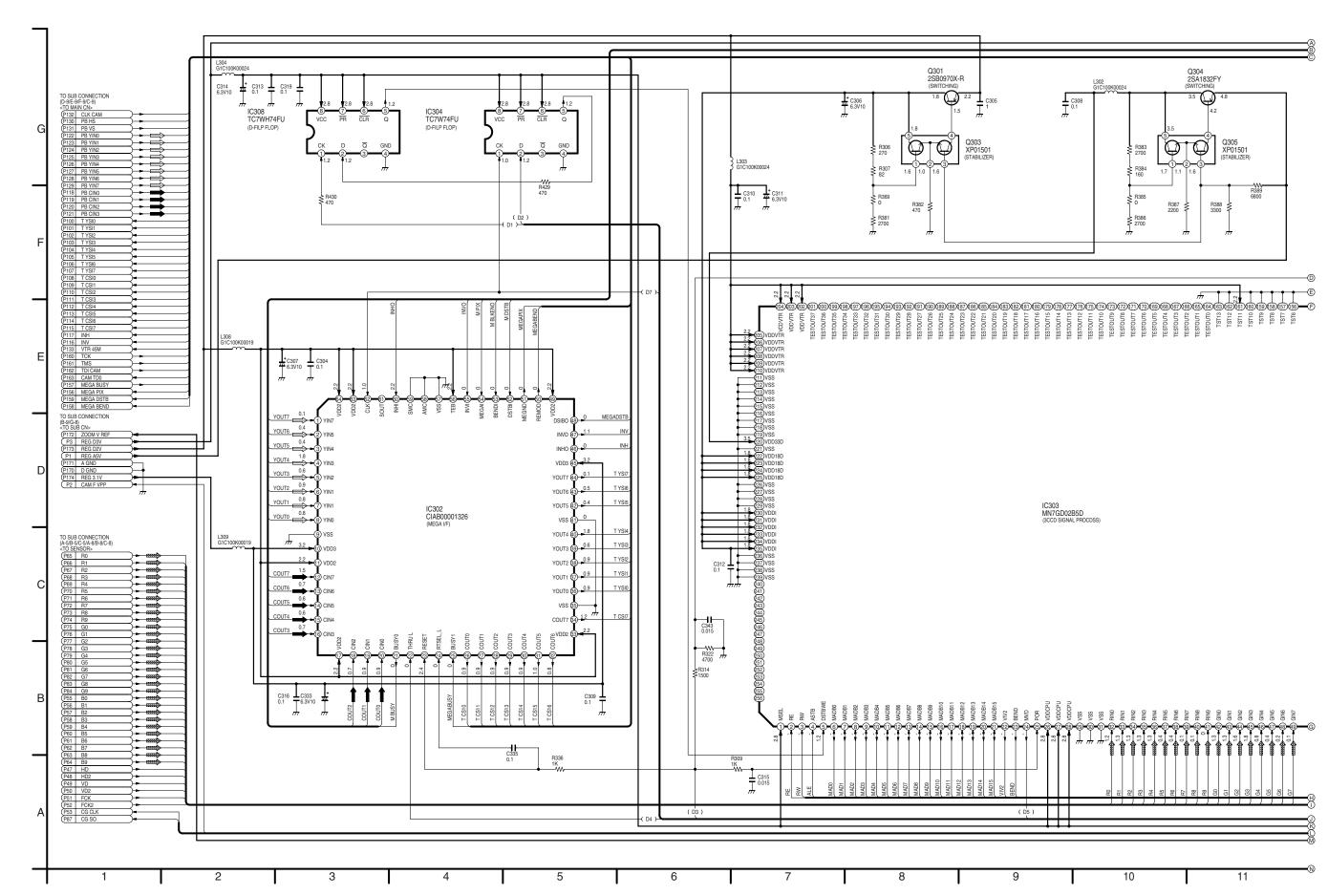


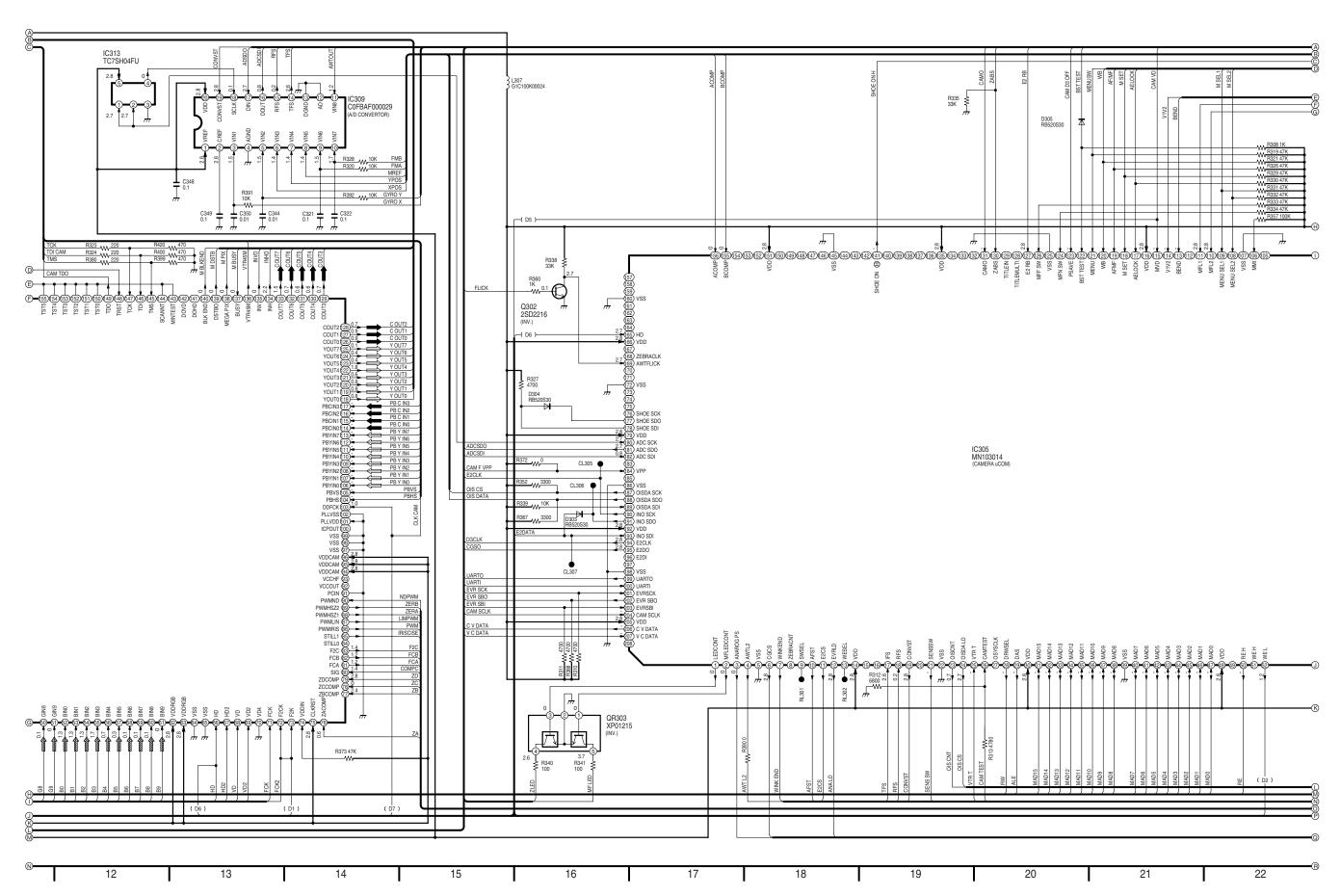


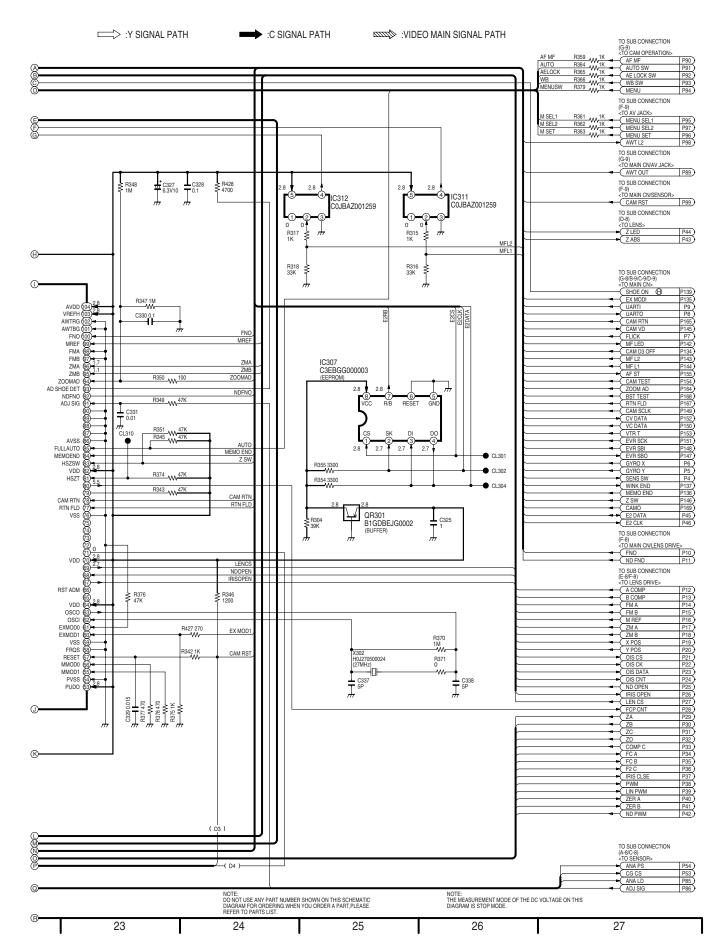
8.21. SENSOR SCHEMATIC DIAGRAM









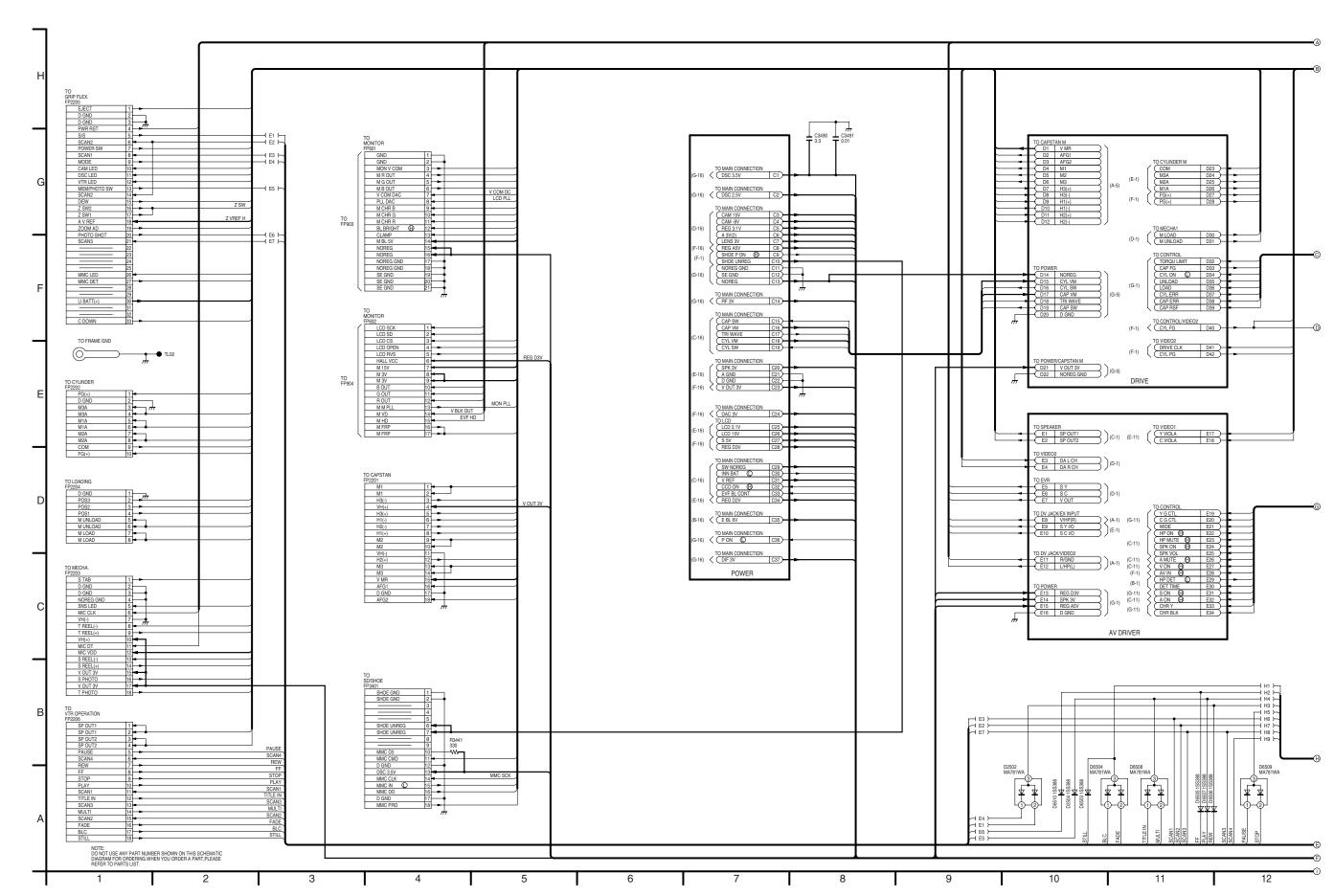


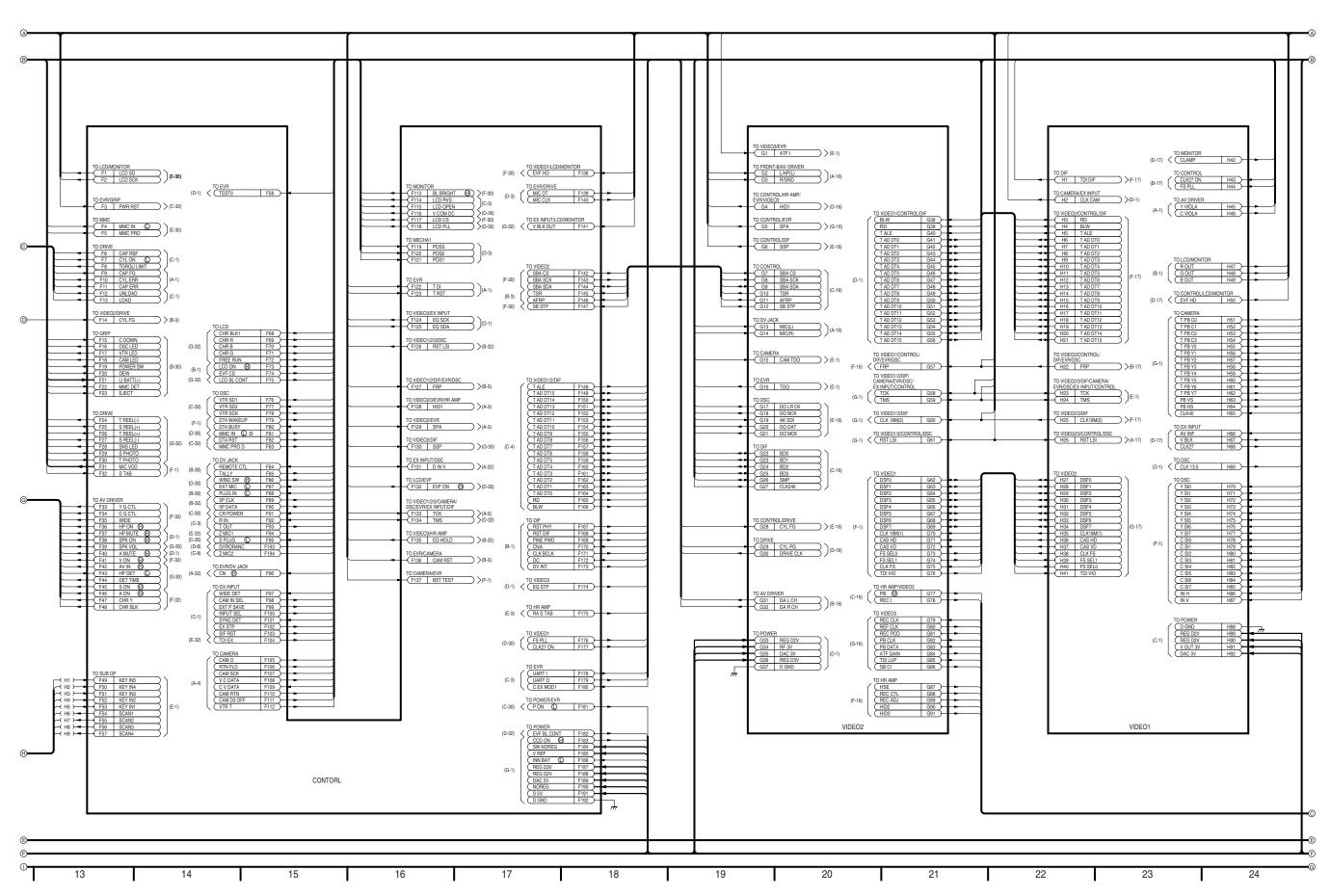
8.22.1. PROCESS I/O TABLE

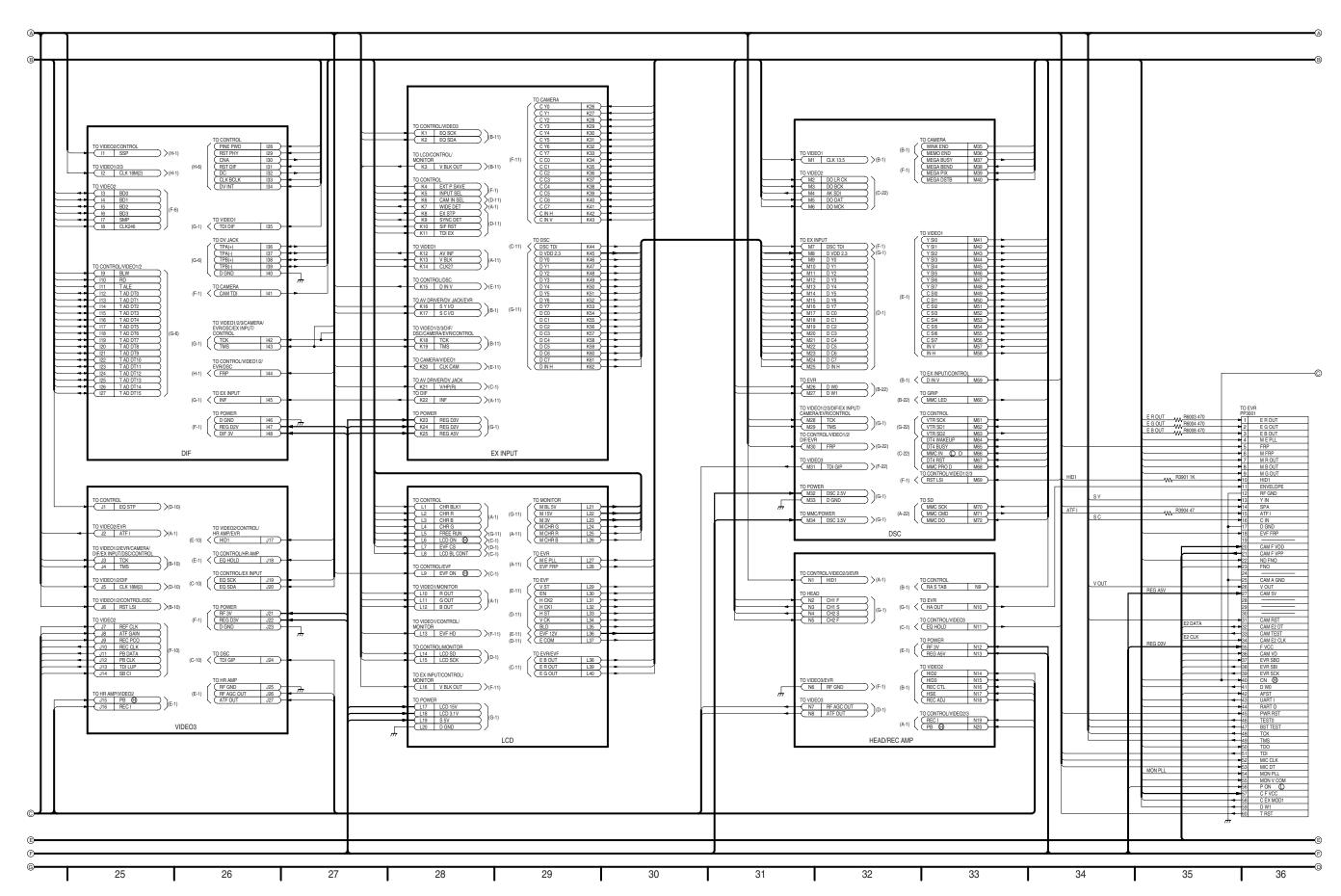
IC305 : CAMERA MICROCOMPUTER

1030	JO . CAIVIER	H IV	IICROCOMPUTER				
Pin No.	Signal Name	I/O	Explanation	Pin No.	Signal Name	I/O	'
	LED CONT	0	LED Control	61	EXMOD0	I	EVR Mode
2	MF LED CONT	0	MF LED Control	62	OSCI	П	Clock (27MHz)
3	ANALOG PS	0	Analog PS	63	OSCO	0	Clock (27MHz)
4	AWTL2	0	AWTL2	64	VDD	-	Voltage
5	VSS	_	GND	65	NC	l _	NC
6	CGCS	0	Character Generator CS	66	RST ADM		Reset
7	WINKEND		WINK END	67	NC		NC
	ZEBRA CNT	_	NC	68	NC		NC
	SM SEL		NC	69	NC		NC
	AFST	_	Process Timing Pulse	70	VDD		Voltage
	E2CS		EEPROM CS	71	NC		NC
	EVR LD		EVR Load Pulse	72	NC		NC
	WE SEL	_	NC NC	73	NC		NC
	VDD		Voltage	74	NC		NC
		-			NC		NC
	NC		NC NO	75			
	NC	_	NC	76	VSS	_	GND
	TFS	_	NC	77	RTN FLD	_	Field Detect
	RFS	_	NC	78	CAM RTN	I	Camera Clock Reference Signal
	CONV ST		NC	79	NC		NC
	NC		NC	80	FCP CNT		FCP Control
	SENS SW		OIS Sensor SW	81	HSZT	I	High Speed Zoom T
22	VSS		GND	82	VDD	_	Voltage
23	OIS CNT	0	OIS Control	83	HSZSW	1	High Speed Zoom SW
24	OIS DA LD	0	OIS Data Load Pulse	84	MEMOEND	ı	MEMO END
25	VTR T	ı	SYNC Serial Communication Enable for RS-232C Micom	85	FULLAUTO	ı	Fullauto Mode
26	CAM TEST	ı	Camera Test	86	AVSS	_	GND
27	DSYSCLK	0	DSYS Clock	87	NC	_	NC
	DRW SEL	_	DRW Select	88	NC		NC
	DAS	_	Address Strobe	89	NC		NC
	VDD	_	Voltage	90	NC		NC
	MAD15	1/0	Address/Data	91	ADI SIG		ADI Signal
	MAD14	_	Address/Data	92	ND FNO		ND F Value
	MAD13		Address/Data	93	AD SHOE DET	_	Shoe Detect
	MAD12	_	Address/Data	94	ZOOM AD	_	Zoom Adjustment
	MAD11		Address/Data	95	ZMB		Zoom MB (Analog IN)
	MAD10		Address/Data	96	ZMA	H	Zoom MA (analog IN)
	MAD9		Address/Data	97	FMB		Focus MB (Analog IN)
	MAD8		Address/Data		FMA		Focus MA (Analog IN)
	VSS		GND		MREF		M Reference (Analog IN)
	MAD7		Address/Data		FNO	_	F Value
	MAD6		Address/Data		AWT BG		GND
	MAD5		Address/Data		AWT RG		GND
	MAD4		Address/Data		VREF (H)		Voltage
	MAD3		Address/Data		AVDD		Voltage
	MAD2		Address/Data	105			NC
	MAD1	_	Address/Data		NMI	_	NC
	MAD0		Address/Data		VSS	_	GND
	VDD	_	Voltage	108	MENU SEL2		Menu Select 2
	NC		NC		MENU SEL1		Menu Select 1
50	RE (H)	0	Read Enable ON/OFF	110	MFL2	I	MF Ring 2
51	WE H		NC	111	MFL1		MF Ring 1
	WE L	0	Write Enable ON/OFF	112			NC
	PVDD		Voltage		BEND		Data Block End Request
	PVSS		GND		V1V2		Act Detect End
	NMOD1		EVR Mode		MVD		M VD
	NMOD0	i	EVR Mode		VDD		Voltage
	RESET	i	Power ON Reset		AELOCK		AE Lock
	FRQS		FRQS		M/SET		M/SET
	VSS	_	GND		AFMF	_	AF/MF Select SW
UO	EXMOD1		EVR Mode	120	WB		White Blance

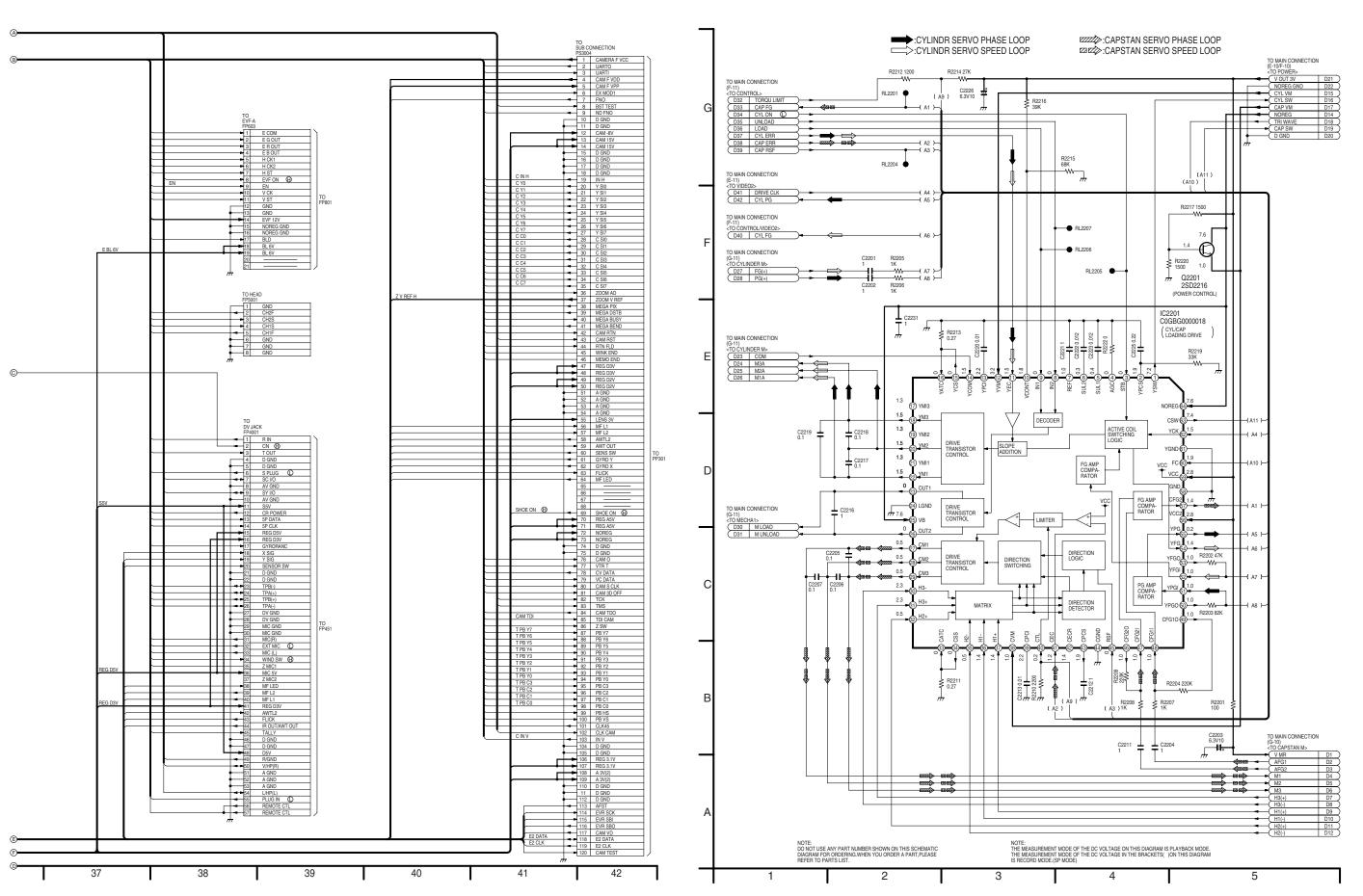
Pin No.	Signal Name	I/O	Explanation	Pin No.	Signal Name	I/O	Explanation
121	MENU	Ι	Menu SW	165	HD	ı	HD
122	BST TEST	Ι	Boundary Scan Test SW	166	VDD	_	Voltage
123	PSAVE	Ι	Power Save	167	NC	_	NC
124	MFN SW	_	NC	168	ZEBRACLK	0	Zebra Clock
125	VSS	_	GND	169	AWTFLICK	ı	AWT Flick
126	MFFSW	_	NC	170	NC	_	NC
	E2 RB	Τ	EEPROM Ready/Busy		NC	_	NC
	TITLEMULTI	Ι	Multi SW		VSS	_	GND
129	TITLEIN	Ι	Title SW	173	NC	_	NC
	ZABS	Ι	Zoom Encoder	174		_	NC
	CAMO	ı	VTR Data		NC	_	NC
132		<u> </u>	NC		SHOE SCK	0	Shoe Serial Clock
133		_	NC		SHOE SDO	ō	Shoe Serial Data
134		_	NC		SHOE SDI	ī	Shoe Serial Data
	VDD	_	Voltage		VDD	Ė	Voltage
136		_	NC		ADC SCK	ı	OIS Serial Clock
137		-	NC		ADC SDO	Ö	OIS Serial Data
138		 _ 	NC		ADC SDI	Ī	OIS Serial Data
	NC	_	NC	183		<u> </u>	NC
140		_	NC		VPP	_	Voltage
	SHOE ON (H)	0	Shoe Power ON/OFF	185			NC
142			NC		VSS	<u> </u>	GND
143			NC		OISDA SCK	0	D/A Converter Clock
144		_	NC		OISDA SDO	0	D/A Converter Data
	VSS		GND		OISDA SDI	ī	D/A Converter Data
	NC		NC		IND SCK	0	E2 Clock
147		_	NC		IND SDO	_	E2 Data
148		Ε_	NC		VDD	_	Voltage
149		 	NC		IND SDI	_ -	E2 Data
150		-	NC		E2CLK	-	EEPROM Clock
	VDD	_			E2DO	_	EEPROM Serial Data
152		_	Voltage NC		E2DI	_	NC
153			NC		NC		NC NC
154		_	NC NC		VSS	_	GND
	BCOMP	-			UATR0	_	
			Linear Adjust (BCOMP Capture) Linear Adjust (ACOMP Capture)			0	UATRO 0 UATRO 1
	ACOMP	-	, , , , , ,		UATR1		
157		_	NC NC		EVR SCK	<u> </u>	EVR Serial Clock
158		 -	NC NC		EVR SBO	_	EVR Serial Data
159		_	NC CND		EVR SBI		EVR Serial Data
	VSS		GND		CAM SCLK		CAMERA Serial Clock
161		_	NC		VDD		Voltage
162			NC		CV DATA		CV Data
163		-	NC		VC DATA		VC Data
164	INC		NC	208	INC		NC



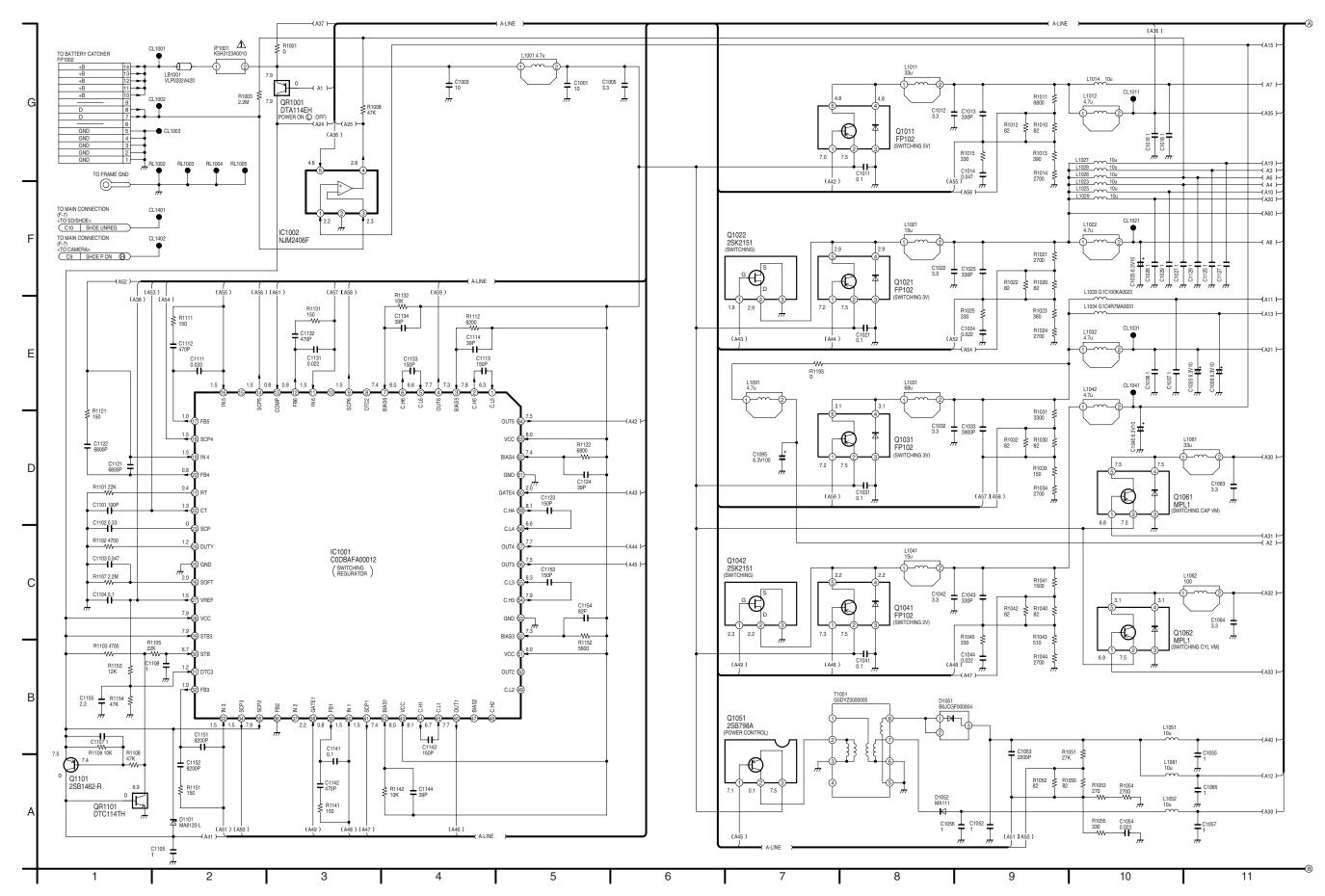


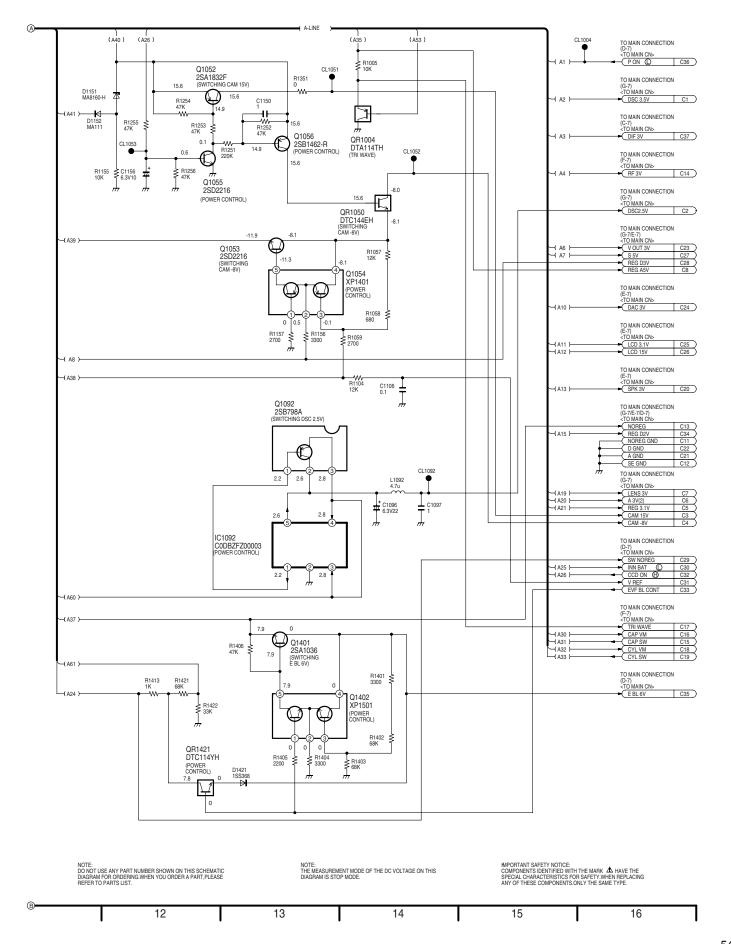


8.24. DRIVE SCHEMATIC DIAGRAM

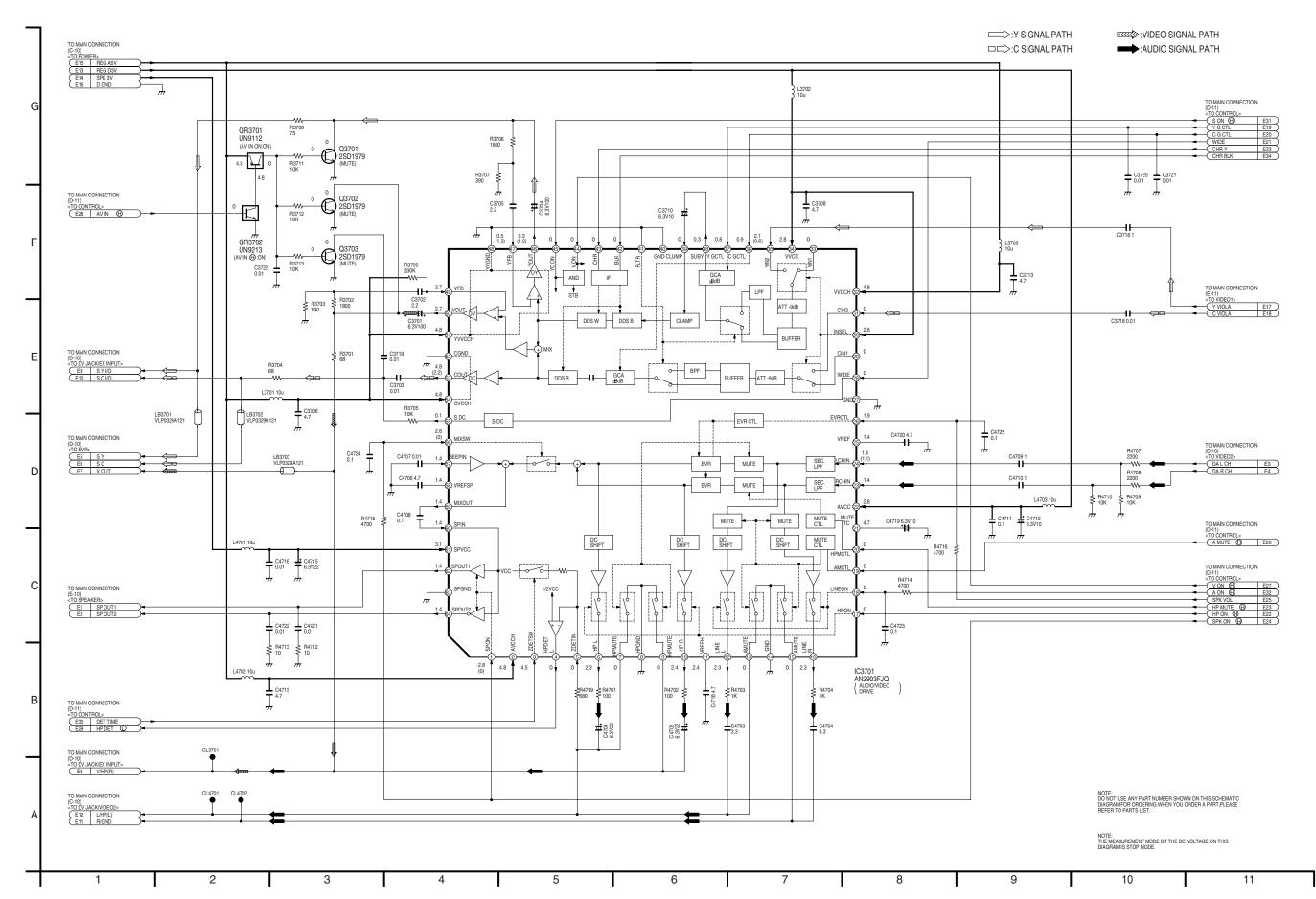


8.25. POWER SCHEMATIC DIAGRAM

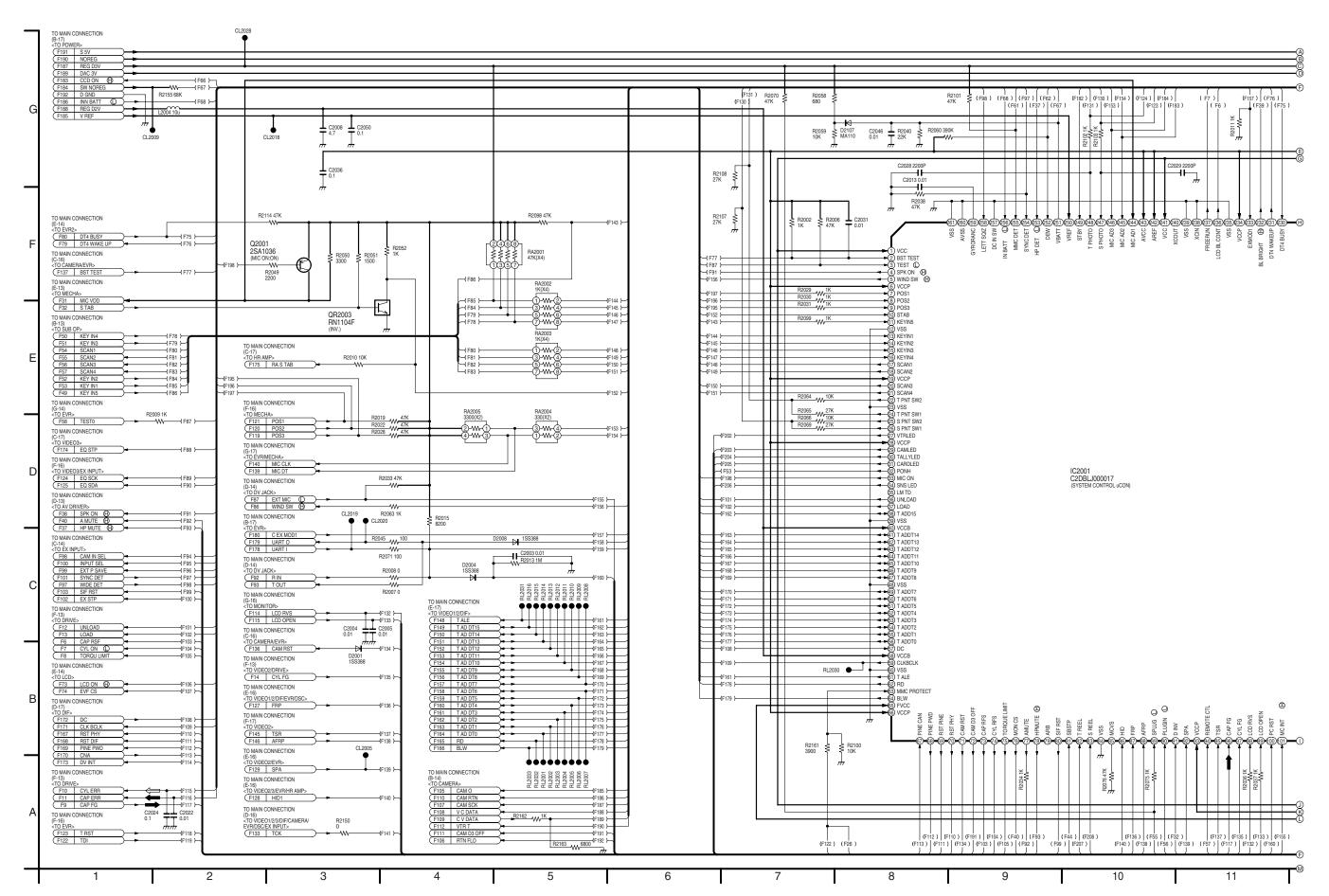


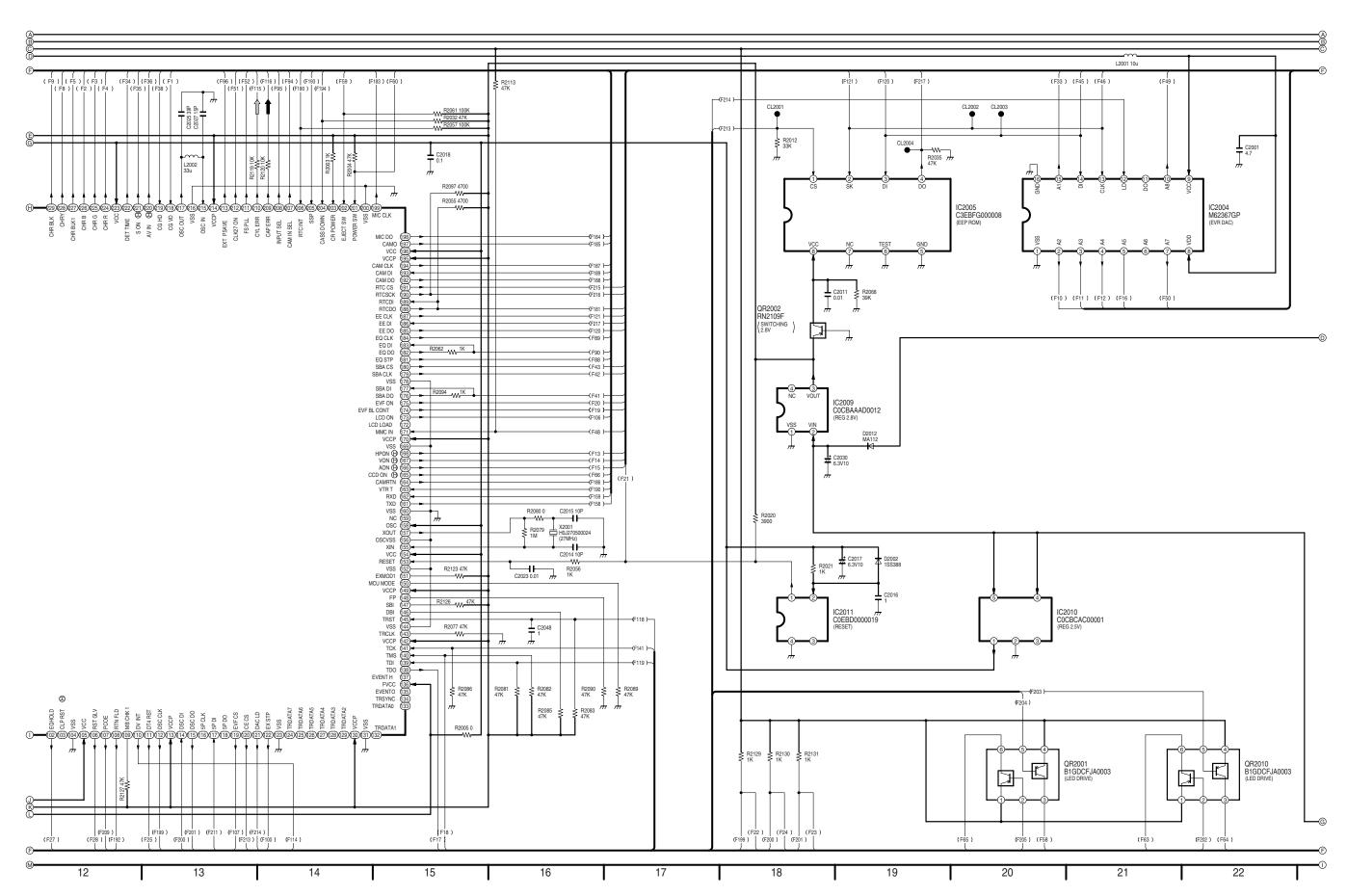


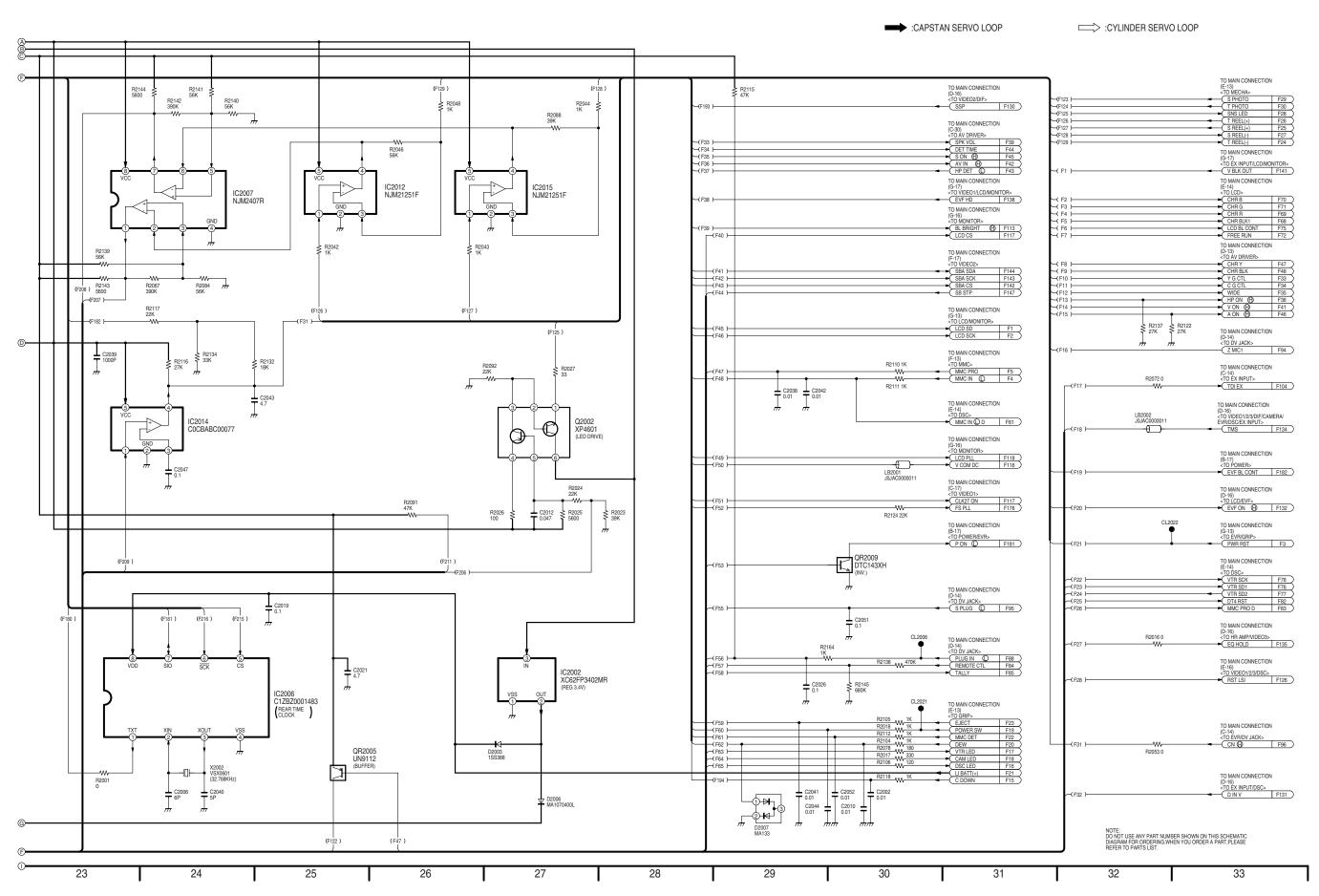
8.26. AV DRIVER SCHEMATIC DIAGRAM



8.27. CONTROL SCHEMATIC DIAGRAM







8.27.1. CONTROL I/O TABLE

IC2001: CONTROL MICROCOMPUTER

	OI . CONTI	IOL	. MICROCOMPUTER				
Pin No.	Signal Name	I/O	Explanation	Pin No.	Signal Name	I/O	Explanation
1	VCC	_	Voltage	61	T ALE	0	ALE
2	BST TEST	П	Boudary Scan Test SW	62	RD	0	RD
3	TEST L	i	VTR Test Signal	63	MMC PROTECT		CARD Protect
		•	(H:Normal, L:Test Mode)	64	BLW	O	WS1
4	SPK ON (H)	0	Speaker ON/OFF	65	FVCC	_	Voltage
5	WIND SW (H)		Noise Silent Control	66	VCC P	_	Voltage
6	VCC P	ī	Voltage	67	PINE CAN	ı	Digital I/F Detect
7	POS1	i	Mecha. Position SW	68	PINE PED	0	PINE Power Down
8	POS2	i	Mecha. Position SW	69	RST PINE	0	PINE Reset
9	POS3	1	Mecha. Position SW	70	RST PHY	0	PHY Reset
10	S TAB	1	Safety Tab SW	71	CAM RST	0	Camera Reset
11	KEY IN5	1	KEY Scan IN5	72	CAM D3 OFF	0	Camera 3V Voltage Control
12	VSS	1	GND	73	CAP RSF	0	Capstan ON
	KEY IN1	_	KEY Scan IN1	74	CYL RFS		Cylinder ON
13		1		75		0	
14	KEY IN2	1	KEY Scan IN2		TORQUE LIMIT	_	Torque Limit
15	KEY IN3		KEY Scan IN3	76	MON CS	0	Monitor Chip Select
16	KEY IN4	1	KEY Scan IN4	77	A MUTE	0	Audio Mute
17	SCAN1	-	KEY Scan OUT1	78	HP MUTE (H)	0	Headphone Mute
18	SCAN2		KEY Scan OUT2	79	ARB	_	
19	VCC P	_	Voltage	80	SIF RST	0	SIF Reset
20	SCAN3		KEY Scan OUT3	81	SBSTP	<u> </u>	QUE/REV Block Noise Silent Control
21	SCAN4	-	KEY Scan OUT4	82	T REEL	ı	Take-up Reel Pulse
22	T PHT SW2	0	Tape Take-up Photo Sensor ADJ.	83	S REEL	ı	Supply Reel Pulse
23	VSS	_	GND	84	VSS	_	GND
24	T PHT SW1	0	Tape Take-up Photo Sensor ADJ.	85	MCVS	_	GND
25	S PHT SW2	0	Tape Supply Photo Sensor ADJ.	86	HID	ı	HSW
26	S PHT SW1	0	Tape Supply Photo Sensor ADJ.	87	FRP	ı	Frame Reference Pulse
27	VTR LED	0	VTR LED	88	A FRP	ı	Frame Reference Pulse
28	VCC P	_	Voltage	89	S PLUG (L)	1	S Plug ON/OFF
29	CAM LED	0	CAMERA LED	90	PLUG IN L	1	AV Terminal ON/OFF
30	TALLY LED	0	TALLY-LED	91	D INV	Ι	Clock (60Hz)
31	CARD LED	0	Card Playback Mode LED	92	SPA	Ι	ATF Sampling Pulse
32	P ON (H)	0	BUS Voltage ON	93	VCC P	_	Voltage
33	MIC ON	0	MIC ON	94	REMOTE CTL	ı	Remote Ctl Pulse
34	SES LED	0	Tape Snsor LED	95	TSR	I	Track Start Reference
35	LM TD	_	_	96	CAP FG	I	Capstan FG
36	UNLOAD	0	Mecha. Unload	97	CYL FG	I	Cylinder FG
37	LOAD	0	Mecha. Load	98	LCD RVS	ı	LCD Reverse Detect
38	T ADD15		Address/Data	99	LCD OPEN	ı	LCD Open/Close Detect
39	VSS	_	GND		PC RST	ı	PC Reset Signal Detect
40	VCC B	_	Voltage	101	MC INT	Ī	EXT. Mic Select
41	T ADD14	1/0	Address/Data	102		0	Equalizer Hold
42	T ADD13		Address/Data	103	CLP RST (H)	_	_
43	T ADD12	-	Address/Data	104	VSS	_	GND
44	T ADD11		Address/Data	105	VCC	_	Voltage
45	T ADD10	-	Address/Data		RST GLV	0	LSI Reset
46	T ADD10		Address/Data	107	PCOE	0	RS232C Drive Output Enable
47	T ADD8		Address/Data		RTN FLD	0	Field Detect
48	VSS	-	GND	100	MB CHK 1	_	Micom BUS Timing
49	T ADD7		Address/Data		DV INT	1	Digital Interface
50	T ADD7	_	Address/Data		DT4 RST	0	DSC Chip Select
-	T ADD5		Address/Data Address/Data		DSC CLK	0	DSC Serial Clock
51 52	T ADD5		Address/Data		VCC P	_	Voltage
53	T ADD4		Address/Data		DSC DI		DSC Serial Data
-		_				1	
54	T ADD1		Address/Data		DSC DO	0	DSC Serial Data
55	T ADD1	_	Address/Data		5P CLK	0	5P Serial Clock
56	T ADD0		Address/Data		5P DI	1	5P Serial Data
57	DC D	I	READY		5P DO	0	5P Serial Data
58	VCC B		Voltage		EVF CS	0	EVF Chip Select
59	CLK BCLK	-	BCLK		CE CS	0	EEPROM Chip Select
60	VSS	_	GND	121	DAC LD	0	DAC Chip Select

Pin No.	Signal Name	I/O	Explanation	Pin No.	Signal Name	I/O	Explanation
122	EX STP	0	SIF Serial Communication Chip	181	EQ STP	0	DSC Handshake
			Select	182	EQ DO	0	DSC Serial Data
123	VSS	_	GND	183		I	DSC Serial Data
124	TR DATA7	_	_	184	EQ CLK	0	DSC Serial Clock
125	TR DATA6	_	_	185	EE DO	0	EEPROM/DAC/LCD/EVF Data
126	TR DATA5	_	_	186	EE DI	I	EEPROM/DAC/LCD/EVF Data
127	TR DATA4	_	_	187	EE CLK	0	EEPROM/DAC/LCD/EVF Clock
128	TR DATA3	_	_	188	RTC DO	0	RTC Serial Data
129	TR DATA2	_	_	189	RTC DI	I	RTC Serial Data
130	VCC P	_	Voltage	190	RTC SCK	0	RTC Serial Clock
131	VSS	_	GND	191	RTC CS	0	RTC Handshake
132	TR DATA1	_	_	192	CAM DO	0	Camera Serial Data
	TR DATA0	_	_	193	CAM DI	_	_
	TR SYNC	_	_	194		0	Camera Serial Clock
135	EVENTO	_	_	195		_	Voltage
136	F VCC	_	Voltage	196		_	Voltage
137	EVENT (H)	_	_	197	CAMO	0	VTR Data
138	TDO	0	TDO	198		0	MIC Serial Data
139	TDI	ı	TDI	199		0	MIC Serial Clock
140	TMS	ı	TMS	200			GND
141	TCK	I	TCK	201	POWER SW	I	POWER ON SW
142	VCC P	_	Voltage	202		I	EJECT SW ON
143	TR CLK	_	_	203		ı	CR POWER ON
144	VSS	_	GND	204		I	Cassette Down Detect
145	T RST	ı	T Reset	205		ı	SSP
146	DBI	ı	DBI	206		I	RTC Interface
147	SBI	_	_	207		0	Camera Input Select
148	FP	ı	FP	208		0	Input Serect
149	VCC P		Voltage	209		0	Capstan Error
150	MCU MODE	ı	MCU MODE=0	210		0	Cylinder Error
151	EX MOD1	_	_	211	FS PLL	0	ATF ERR for Linear Arrangement
	VSS	_	GND	212		0	Clock (27MHz) ON/OFF
153	RESET	ı	Reset Signal	213		0	SIF Power Save
154	VCC	-	Voltage	214		-	Voltage
155	XIN	ı	Clock (27MHz)	215		I	Clock (8MHz)
156	OSC VSS	_	GND	216		_	GND
	X OUT	0	Clock (27MHz)	217		0	Clock (8MHz)
158	OSC VSS	_	GND	218		<u> </u>	V SYNC
159		_	- OND		CG HD	_	H SYNC
	VSS	_	GND		AV IN H	0	AV IN ON/OFF
	TXD	0	RS232C Data	221		0	S Terminal ON/OFF
	RXD	1	RS232C Data		DET TIME		AV Detect
163	VTR T	ı	Sync Serial Communication Enable		VCC	_	Voltage
164	CAMPTN	_	Signal		CHR R	0	Character Generation R
	CAM RTN CCD ON (H)	0	Camera Clock Reference Signal		CHR G	0	Character Generation G
	A ON (H)	0	CCD ON Audio Line ON/OFF		CHR B	0	Character Generation B
	V ON (H)		Video Line ON/OFF	227	CHR BLK1 CHR Y	0	Character Generation Blanking Character Generation Y
	HP ON (H)	0	Headphone Line ON/OFF	228		0	Character Generation Y Character Generation Blanking
$\overline{}$	VSS	-	GND		DT4 BUSY	0	DSC Busy
	VCC P		Voltage	231		0	DSC Busy DSC Wakeup
	MMC IN		Card IN Detect	232	_	_	
	LCD LOAD	_	_		EX MOD1	-	EVR Mode
	LCD COAD	0	LCD ON/OFF	234		-	Voltage
	EVF BL CONT	0	EVF Back Light Control	235		=	GND
$\overline{}$	EVF ON	0	EVF ON/OFF		LCD BL CONT	-	_
	SBA DO	0	Audio Serial Data	237		0	Freerun
	SBA DI	ī	Audio Serial Data	238		_	_
	VSS	_	GND	239		-	GND
	SBA CLK	0	Audio Serial Clock		XC OUT		_
	SBA CS	0	Audio Serial Clock Audio Serial Chip Select	241		<u> </u>	Voltage
	25, (00		, was conditional of the coloct	471	1,000	<u> </u>	Tonago

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Pin No.	Signal Name	I/O	Explanation
252	DEW	I	DEW Sensor
253	HP DET L	1	Headphone ON/OFF
254	SYNC DET	I	SYNC Detect
	MMC DET	ı	MMC Card Detect
256	IN BATT L	I	Battery Detect
257	DC IN SW	_	AC Adaptor Detect
258	LETT SQIZ	ı	Screen Size
259	GYRO RANC	_	_
260	A VSS	_	GND
261	VSS	_	GND

8.27.2. CONTROL DC VOLTAGE CHART (SP MODE)

ICs DC VOLTAGE CHART (SP MODE)

ICS DC	VOL	IAG	E C	1AK	I (SF	, MO	DE)													
Ref. No.										IC2	:001									
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
STOP	2.5	2.9	2.8	0	2.8	2.8	2.8	2.8	0	0.1	2.8	0	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
PLAY	2.5	2.9	2.8	0	2.8	2.8	2.8	2.8	0	0.1	2.8	0	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
REC	2.5	2.9	2.8	2.8	2.8	2.8	2.8	2.8	0	0.1	2.8	0	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
F.F.	2.5	2.9	2.8	0	2.8	2.8	2.8	2.8	0	0.1	2.8	0	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
REW Ref. No.	2.5	2.9	2.8	U	2.8	2.8	U	0	2.8		2.8	U	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
MODE MODE	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
STOP	2.8	0	0	0	0	0	2.8	2.8	0	2.8	2.8	2.7	2.8	2.8	-	0	0	0	0	1.8
PLAY	2.8	0	0	0	0	0	0	2.8	2.8	2.8	2.8	2.7	2.8	2.8	-	0	0	0	0	1.8
REC	2.8	0	0	0	0	0	2.8	2.8	0	0	2.8	2.7	2.8	2.8	-	0	0	0	0	1.8
F.F.	2.8	0	0	0	0	0	0	2.8	2.8	2.8	2.8	2.7	2.8	2.8	-	0	0	0	0	1.8
REW	2.8	0	0	0	0	0	0	2.8	2.8	2.8	2.8	2.7	2.8	2.8	-	0	0	0	0	1.8
Ref. No.											001									
MODE \	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
STOP PLAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	1.8 1.8	0	0
REC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	1.8	0	0
F.F.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	1.8	0	0
REW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	1.8	0	0
Ref. No.											001									
MODE	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
STOP	2.8	2.8	0	0	2.5	2.8	-	-	-	-	2.8	-	1.4	0	0.2	2.8	0	0	-	0
PLAY	2.8	2.8	0	0	2.5	2.8	-	-	-	-	2.8	-	0	0	0	2.8	0	0		0
REC	2.8	2.8	0	0	2.5	2.8	-	-	-	-	2.8	-	0	0	0.2	2.8	0	0	-	0
F.F.	2.8	2.8	0	0	2.5	2.8	-	-	-	-	2.8	-	0	0	2.8	2.8	0	0	-	0
REW Pof No	2.8	2.8	0	0	2.5	2.8	-	-	-	- IC2	2.8 2001	-	2.8	0	0	2.8	0	0	-	0
Ref. No. MODE	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
STOP	2.8	2.8	0	0	2.8	1.4	1.4	-	0	0	-	0	2.8	2.5	2.8	1.4	1.4	0	0	2.7
PLAY	2.8	2.4	2.4	0	1.4	1.4	1.4	-	0	0	-	0	2.8	2.5	1.4	1.4	1.4	0	0	2.7
REC	2.8	1.4	1.4	0	0	1.4	1.4	-	0	0	-	0	2.8	2.5	0	1.4	1.4	0	0	2.7
F.F.	2.8	1.4	1.4	0	1.4	1.4	1.4	-	0	0	-	0	2.8	2.5	1.4	1.4	1.4	0	0	2.7
REW	2.8	1.4	1.4	0	1.4	1.4	1.4	-	0	0	-	0	2.8	2.5	1.4	1.4	1.4	0	0	2.7
Ref. No.											001									
MODE STOP	101	102 0	103	104 0	105 2.5	106	107 0	108	109 2.8	110	111	112	113	114 1.9	115 1.9	116	117 2.2	118	119	120 0
PLAY	0	0	-	0	2.5	2.8	0	-	2.8	0	0	2.8	2.8	1.9	1.9	-	2.2	-	0	0
REC	0	0	-	0	2.5	2.8	0		2.8	0	0	2.8	2.8	1.9	1.9	-	2.4	-	0	0
F.F.	0	0	-	0	2.5	2.8	0	-	2.8	0	0	2.8	2.8	1.9	1.9	-	2.6	-	0	0
REW	0	0	-	0	2.5	2.8	0	-	2.8	0	0	2.8	2.8	1.9	1.9	-	2.1	-	0	0
Ref. No.		-	-	-	-	-				IC2	001	-	-		-	-	-	-		
MODE	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140
STOP	0	-	0	-	-	-	-	-	-	2.8	0	-	-	-	-	2.5	-	1.9	1.9	0
PLAY	0	-	0	-	-	-	-	-	-	2.8	0	-	-	-	-	2.5	-	1.9	1.9	0
REC F.F.	0	-	0	-	-	-	-	-	-	2.8	0	-	-	-	-	2.5 2.5	-	1.9 1.9	1.9	0
REW	0	-	0	-	 	-	-	-		2.8	0		-	-	-	2.5	-	1.9	1.9	0
Ref. No.		<u> </u>		<u> </u>							001				<u> </u>		<u> </u>			
MODE	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160
STOP	0	2.8	-	-	2.8	2.8	0	2.8	2.8	0	2.8	0	2.8	2.5	1.4	0	1.4	0	-	0
PLAY	0	2.8	-	-	0	2.8	0	2.8	2.8	0	2.8	0	2.8	2.5	1.4	0	1.4	0	-	0
REC	0	2.8	-	-	2.8	2.8	0	2.8	2.8	0	2.8	0	2.8	2.5	1.4	0	1.4	0	-	0
F.F.	0	2.8	-	-	0	2.8	0	2.8	2.8	0	2.8	0	2.8	2.5	1.4	0	1.4	0	-	0
REW Dof No	0	2.8	-	-	0	2.8	0	2.8	2.8	0	2.8 001	0	2.8	2.5	1.4	0	1.4	0	-	0
Ref. No. MODE	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180
STOP	2.8	2.8	-	-	2.8	2.8	0	2.8	0	2.8	0	-	2.8	2.8	2.8	2.8	2.8	0	0	0
PLAY	2.8	2.0	-	-	0	2.8	0	2.8	0	2.8	0	-	2.8	2.8	2.8	2.8	2.8	0	0	0
REC	2.8	2.8	-	-	2.8	2.8	0	2.8	0	2.8	0	-	2.8	2.8	2.8	2.8	2.8	0	0	0
F.F.	2.8	2.0	-	-	0	2.8	0	2.8	0	2.8	0	-	2.8	2.8	2.8	2.8	2.8	0	0	0
REW	2.8	2.0	-	-	0	2.8	0	2.8	0	2.8	0	-	2.8	2.8	2.8	2.8	2.8	0	0	0
Ref. No.											001									
MODE	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200
STOP	0	0	0	2.7	2.8	0.5	2.8	2.8	2.8	2.8	1.9	-	-	-	2.8	2.5	-	2.8	2.8	0
PLAY	0	0	0	2.7	2.8	0.8	2.8	2.8	2.8	2.8	1.9	-	-	-	2.8	2.5	-	2.8	2.8	0
REC F.F.	0	0	0	2.7	2.8	1.2	2.8	2.8	2.8	2.8	1.8	-	-	-	2.8	2.5 2.5	-	2.8	2.8	0
REW	0	0	0	2.7	2.8	1.2	2.8	2.8	2.8	2.8	1.8	-	-	-	2.8	2.5	-	2.8	2.8	0
	U	U	U	۷.۱	۵.0	1.4	۵.۵	۵.۵	2.0	۵.۵	1.5				2.0	د.ي		۷.0	2.0	U

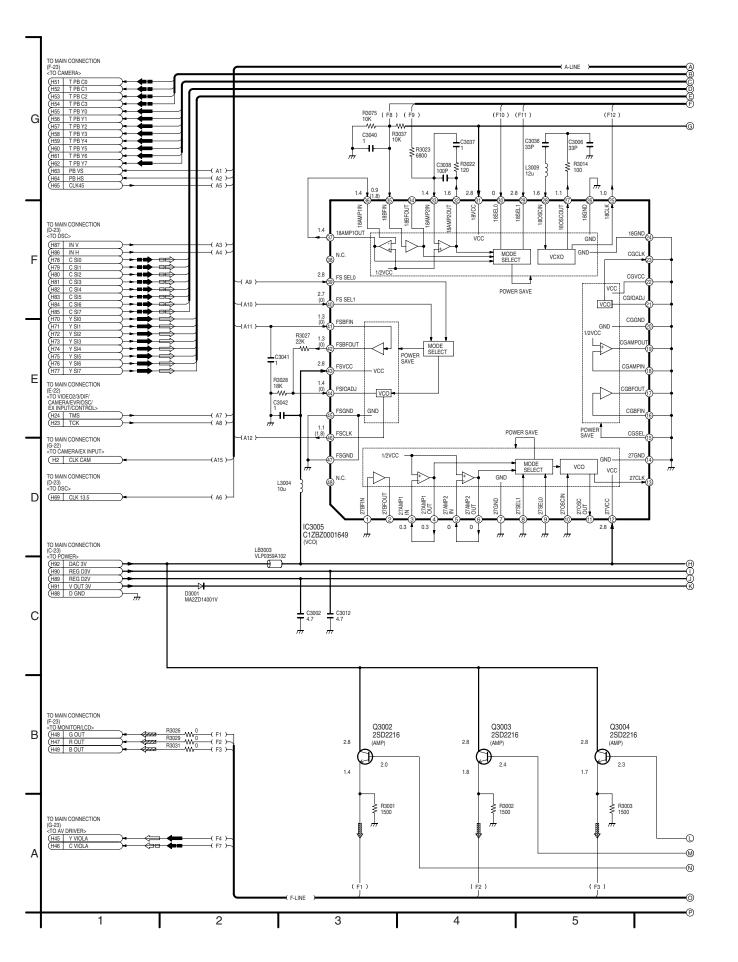
60

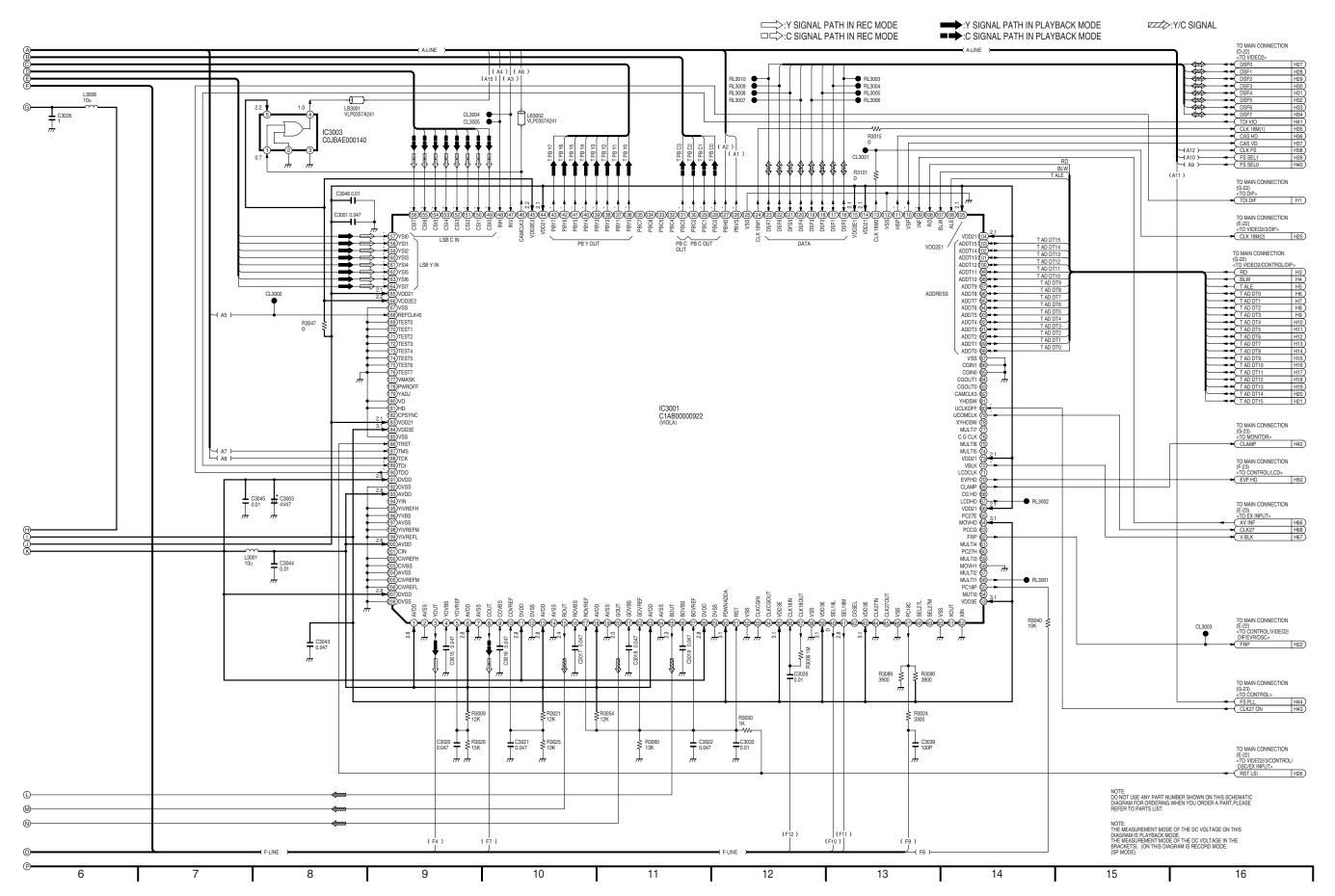
Ref. No.										IC2	001									
MODE	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220
STOP	2.8	2.8	0	0	0	1.4	2.8	1.4	1.5	0	0	-	0	2.8	2.8	0	2.8	1.4	1.4	0
PLAY	2.8	2.8	0	0	0	1.4	2.8	1.2	1.5	0	0	-	0	2.8	2.8	0	2.8	1.4	1.4	0
REC	2.8	2.8	0	0	0	1.4	2.8	1.2	1.5	0	0	-	0	2.8	2.8	0	2.8	1.4	1.4	0
F.F.	2.8	2.8	0	0	0	1.4	2.8	1.2	1.5	0	0	-	0	2.8	2.8	0	2.8	1.4	1.4	0
REW	2.8	2.8	0	0	0	1.4	2.8	1.2	1.5	0	0	-	0	2.8	2.8	0	2.8	1.4	1.4	0
Ref. No.											001									
MODE	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240
STOP	0	4.5	2.5	0	0	0	2.8	0	0	0	2.8	2.8	2.8	2.8	0	2.8	0	-	0	-
PLAY	0	4.5	2.5	0	0	0	2.8	0	0	0	2.8	2.8	2.8	2.8	0	2.8	0	-	0	-
REC F.F.	0	4.5 4.5	2.5	0	0	0	2.8	0	0	0	2.8	2.8	2.8	2.8	0	2.8	0	-	0	-
REW	0	4.5	2.5	0	0	0	2.8	0	0	0	2.8	2.8	2.8	2.8	0	2.8	0	-	0	
Ref. No.	Ů	4.0	2.0	Ů	Ů	Ů	2.0	Ū	Ū	IC2		2.0	2.0	2.0	U	2.0	·		· ·	
MODE	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260
STOP	2.5	-	2.8	2.8	0	0	0	0	0.1	2.8	2.8	2.8	0	2.8	2.8	0	-	0	0	0
PLAY	2.5	-	2.8	2.8	0	0	0	0	0.1	2.8	2.8	2.8	0	2.8	2.8	0	-	0	0	0
REC	2.5	-	2.8	2.8	0	0	0	0	0.1	2.8	2.8	2.8	0	2.8	2.8	0	-	0	0	0
F.F.	2.5	-	2.8	2.8	0	0	0	2.8	0.1	2.8	2.8	2.8	0	2.8	2.8	0	-	0	0	0
REW	2.5	-	2.8	2.8	0	0	0	0	0.1	2.8	2.8	2.8	0	2.8	2.8	0	-	0	0	0
Ref. No.										IC2	001				1					
MODE	261																			
STOP	0	.	<u> </u>																	
PLAY REC	0	-	-	-	-	-	-					-	-			-	-			
F.F.	0	-	-													-				
REW	0																			
Ref. No.		IC2	002									IC2	004							
MODE	1	2	3		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
STOP	0	7.9	3.6		0	0.8	1.0	0	0	-	1.6	2.8	2.8	0.9	-	0	2.8	1.0	1.9	0
PLAY	0	7.9	3.6		0	0.8	1.0	0	0	-	1.6	2.8	2.8	0.9	-	0	2.8	1.1	1.6	0
REC	0	7.9	3.6		0	0.8	1.0	0	0	-	1.6	2.8	2.8	0.9	-	0	2.8	1.1	1.9	0
F.F.	0	7.7	3.6		0	0	0	0	0	-	1.6	2.8	2.8	0.9	-	0	2.8	1.0	1.6	0
REW	0	7.7	3.6		0	0	0	0	0	-	1.6	2.8	2.8	0.9	-	0	2.8	1.0	1.6	0
Ref. No.					_	005										2006				
MODE	1	2	3	4	5	6	7	8			1	2	3	4	5	6	7	8		
STOP	2.7	2.8	1.0	0	0	0	0	2.8			2.7	0.3	0.5	0	1.9	2.7	1.2	3.5		
PLAY REC	2.7	2.8	1.0	0	0	0	0	2.8			2.7	0.5	0.5	0	1.9 1.8	2.8	1.2 1.2	3.5		
F.F.	2.7	2.8	1.1	0	0	0	0	2.8			2.7	0.4	0.5	0	1.8	2.8	1.2	3.5		
REW	2.7	2.8	1.1	0	0	0	0	2.8			2.7	0.4	0.5	0	1.9	2.8	1.2	3.5		
Ref. No.		0			IC2007			0			/	IC2009	0.0			,		010		
MODE	1	2	3	4	5	6	7	8		1	2	3	4		1	2	3	4	5	
STOP	0	3.5	1.3	0	1.5	0.3	2.8	4.7		0	3.6	2.8	-		2.5	0	-	4.0	4.0	
PLAY	2.5	3.2	1.4	0	1.4	3.0	2.2	4.7		0	4.0	2.8	-		2.5	0	-	4.0	4.0	
REC	2.6	3.6	1.4	0	1.4	3.0	2.1	4.7		0	4.0	2.8	-		2.5	0	-	4.0	4.0	
F.F.	1.3	2.0	1.4	0	1.4	1.9	1.4	4.7		0	4.0	2.8	-		2.5	0	-	4.0	4.0	
REW	1.3	2.0	1.4	0	1.5	1.9	1.4	4.7	012	0	4.0	2.8	-		2.5	0	-	4.0	4.0	
Ref. No.	1	2	IC2011	1		1	2		012	F		4	2	2	4	IC2013	6	7	0	
MODE STOP	2.8	2.5	-	4 0		1.4	0	3 1.4	3.5	5 4.7		4.5	2.4	3 2.6	4 0	5 2.2	6 2.4	3.8	8 4.7	
PLAY	2.8	2.5	-	0		1.4	0	1.4	3.4	4.7		4.5	2.4	2.6	0	2.3	2.4	3.9	4.7	
REC	2.8	2.5	-	0		1.4	0	1.4	3.3	4.7		4.5	2.4	2.6	0	2.2	2.4	3.7	4.7	
F.F.	2.8	2.5	-	0		1.4	0	1.4	2.0	4.7		4.5	2.4	2.6	0	2.1	2.4	2.9	4.7	
REW	2.8	2.5	-	0		1.4	0	1.4	2.0	4.7		4.5	2.4	2.6	0	2.1	2.4	3.7	4.7	
Ref. No.				IC2014							IC2015						IC2	016		
MODE	1	2	3	4	5			1	2	3	4	5			1	2	3	4	5	
STOP	0	0	0	3.0	4.7			1.4	0	1.4	0.3	4.7			2.8	0	3.8	2.2	4.7	
PLAY	0	0	0	3.0	4.7			1.4	0	1.4	3.1	4.7			2.8	0	3.1	2.2	4.7	
REC	0	0	0	2.9	4.7			1.4	0	1.4	3.0	4.7			2.8	0	3.9	2.4	4.7	
F.F.	0	0	0	3.0	4.7			1.4	0	1.4	1.9	4.7			2.8	0	4.5	2.6	4.7	
REW	0	0	0	3.0	4.7			1.4	0	1.4	1.9	4.7			2.8	0	4.1	2.1	4.7	

TRs DC VOLTAGE CHART (SP MODE)

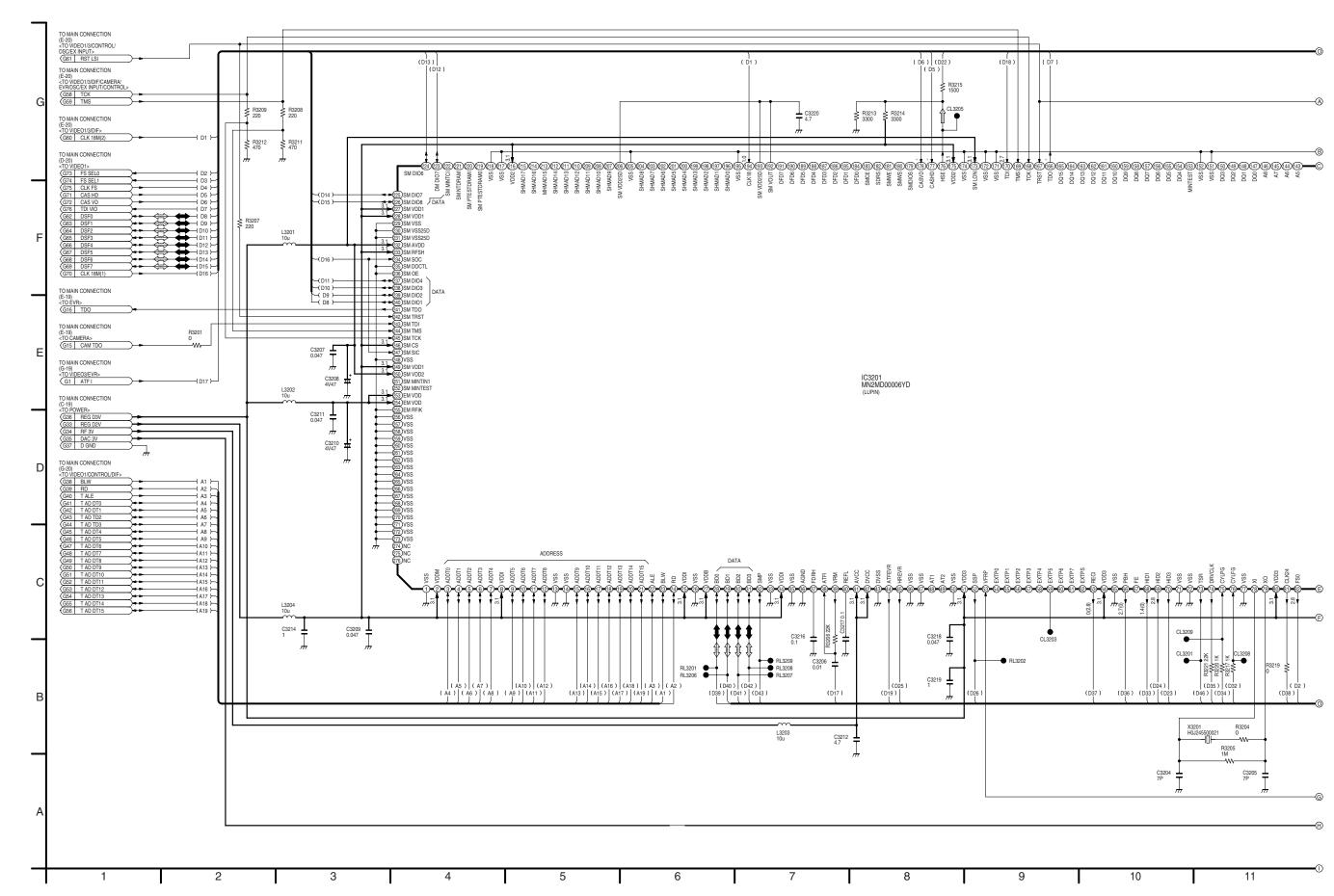
Ref. No.		Q2001				Q2	002					QR	2001			QR2002			
MODE	E	С	В	1	2	3	4	5	6	1	2	3	4	5	6	4	5	6	
STOP	2.8	2.8	2.8	0.1	0	0	4.7	4.3	7.9	2.8	2.8	0	2.8	2.8	0	2.8	2.8	0	
PLAY	2.8	2.8	2.8	0.1	0	0	4.7	4.3	7.9	2.8	2.8	0	2.8	2.8	0	2.8	2.8	0	
REC	2.8	2.8	2.8	0.2	0	0	4.7	4.3	7.9	2.8	2.8	2.8	2.8	0	0	2.8	2.8	0	
F.F.	2.8	2.8	2.8	0.1	0	0	4.7	4.3	7.7	2.8	2.8	0	2.8	2.8	0	2.8	2.8	0	
REW	2.8	2.8	2.8	0.1	0	0	4.7	4.3	7.7	2.8	2.8	0	2.8	2.8	0	2.8	2.8	0	
Ref. No.		QR2003			QR2005			QR2009				QR	2010						
MODE	Е	С	В	Е	С	В	Е	С	В	1	2	3	4	5	6				
STOP	0	0.1	2.8	2.8	0	2.8	0	0	2.7	2.8	2.8	2.8	2.8	0	0				
PLAY	0	0.1	2.8	2.8	0	2.8	0	0	2.7	2.8	0	0	2.8	2.8	2.8				
REC	0	0.1	2.8	2.8	0	2.8	0	0	2.7	2.8	2.8	2.8	2.8	0	0				
F.F.	0	0.1	2.7	2.8	0	2.8	0	0	2.7	2.8	0	0	2.8	2.8	2.8				
REW	0	0.1	2.7	2.8	0	2.8	0	0	2.7	2.8	0	0	2.8	2.8	2.8				

8.28. VIDEO 1 SCHEMATIC DIAGRAM

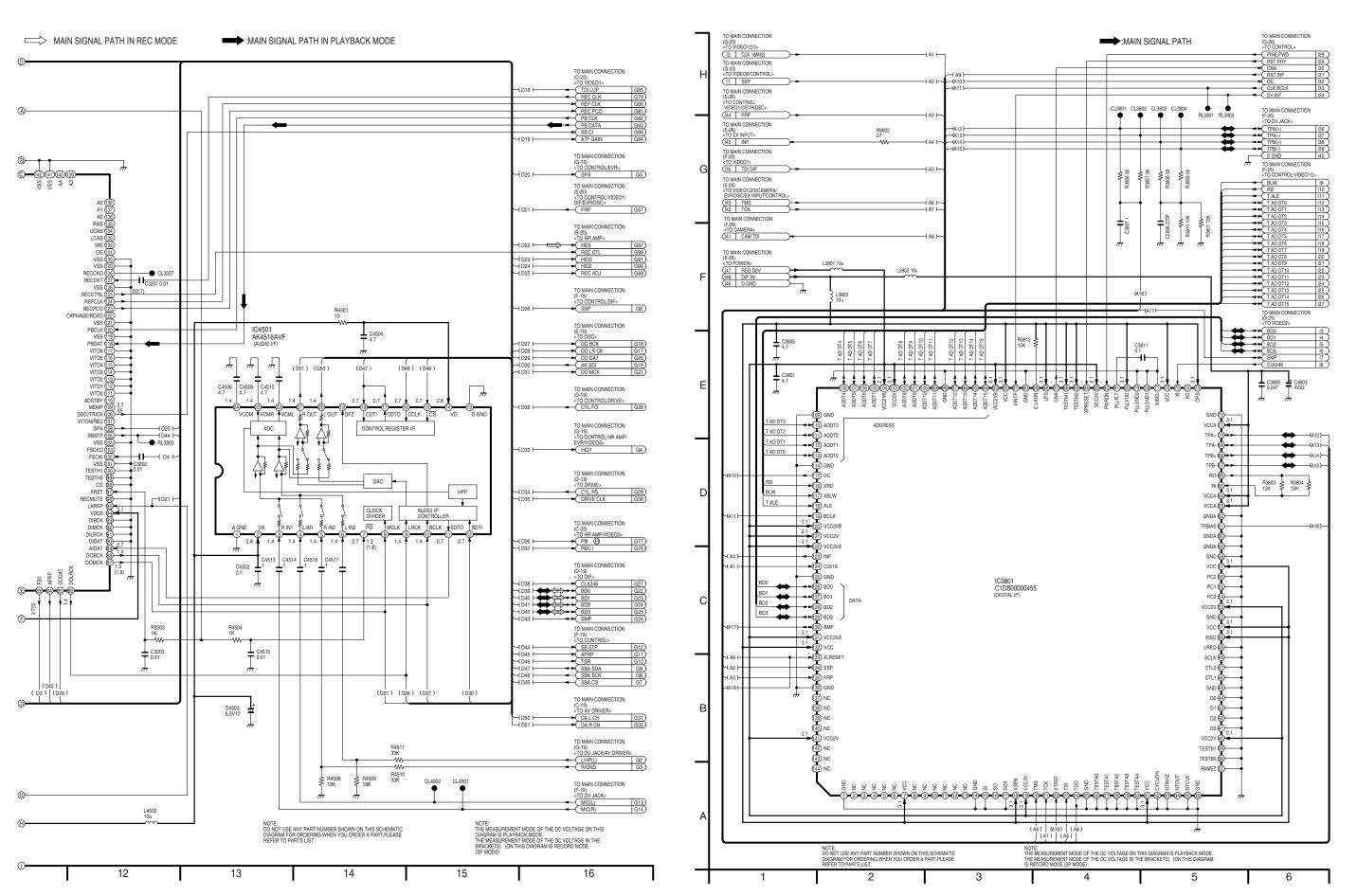




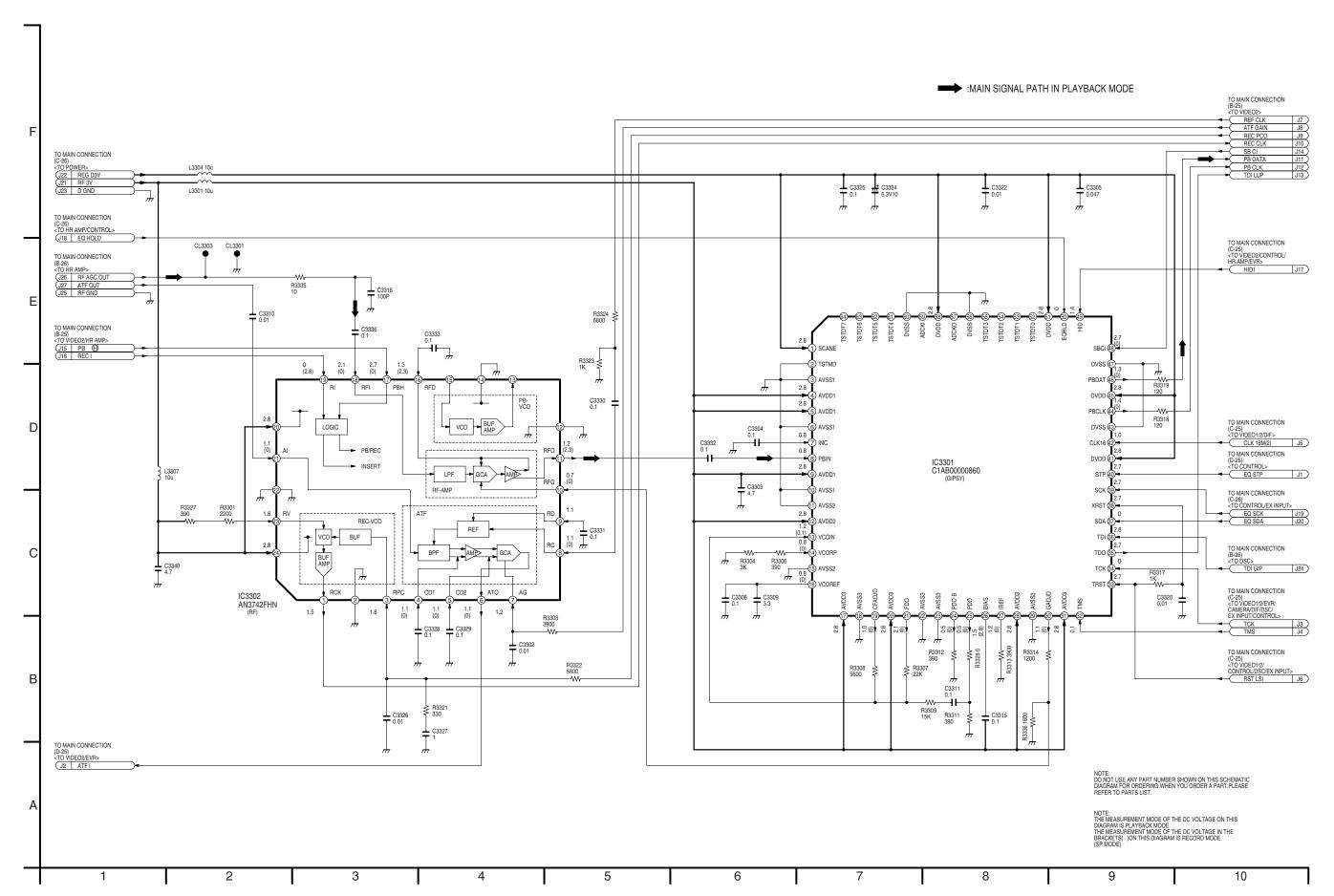
8.29. VIDEO 2 SCHEMATIC DIAGRAM

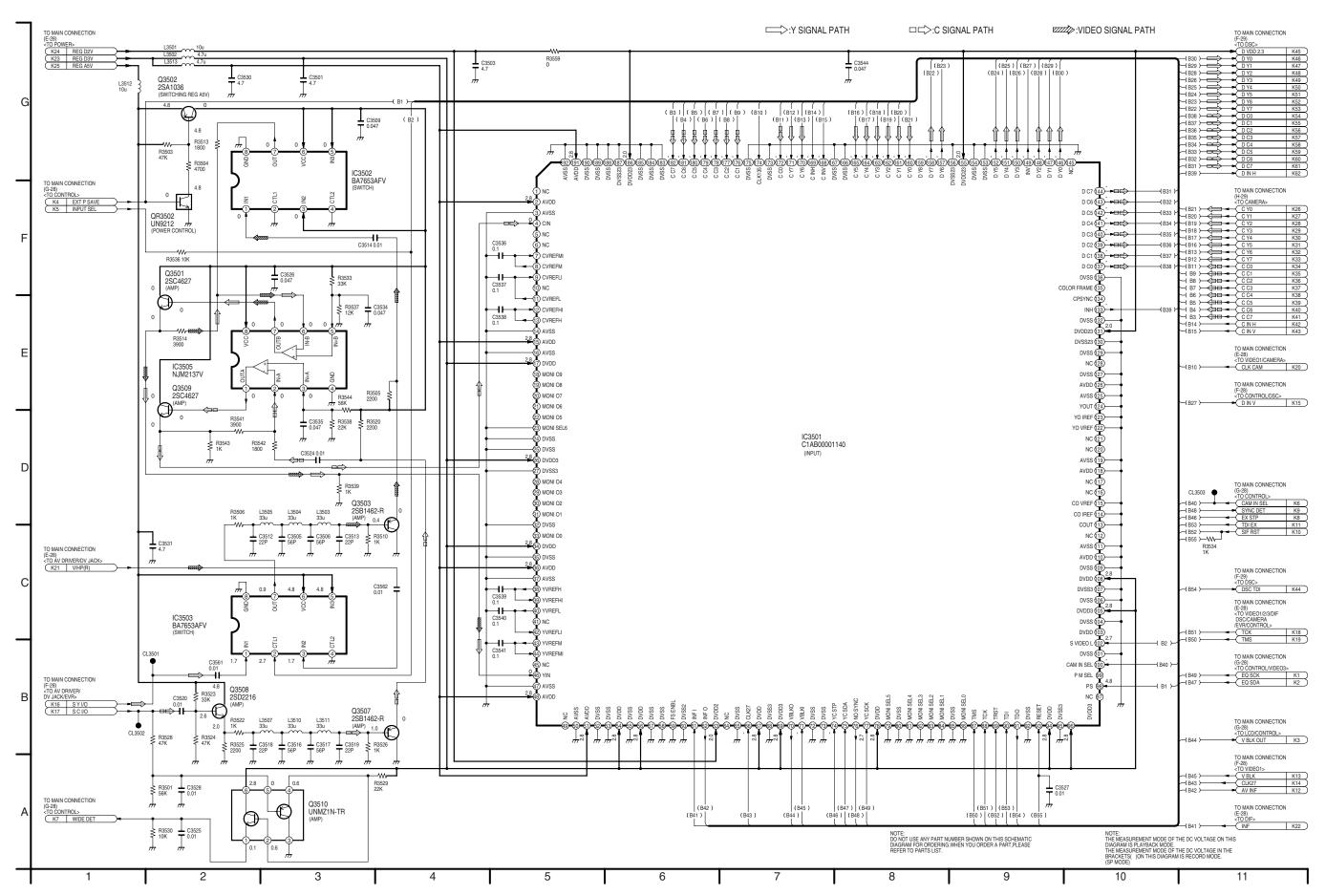


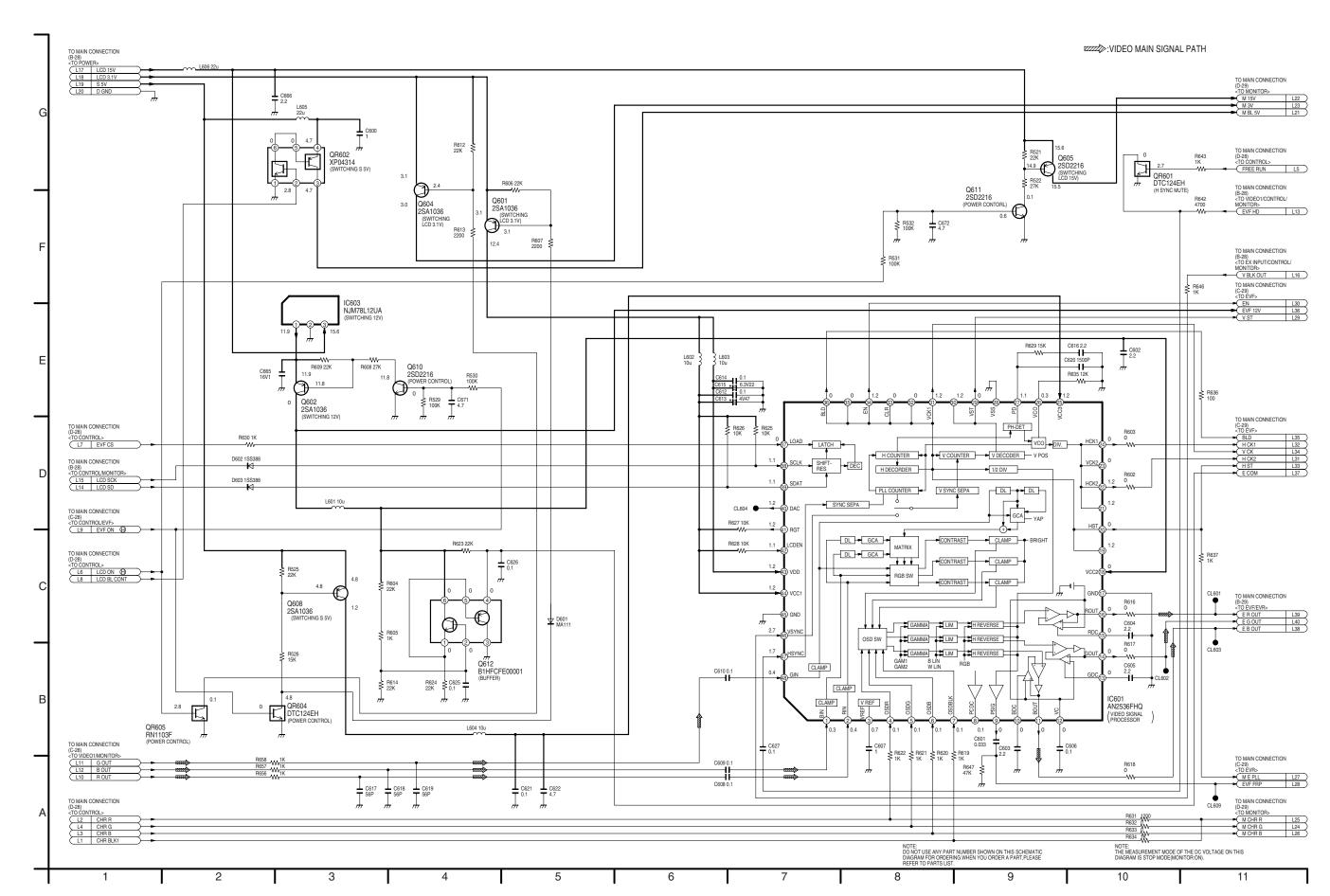
8.30. DIGITAL INTERFACE SCHEMATIC DIAGRAM



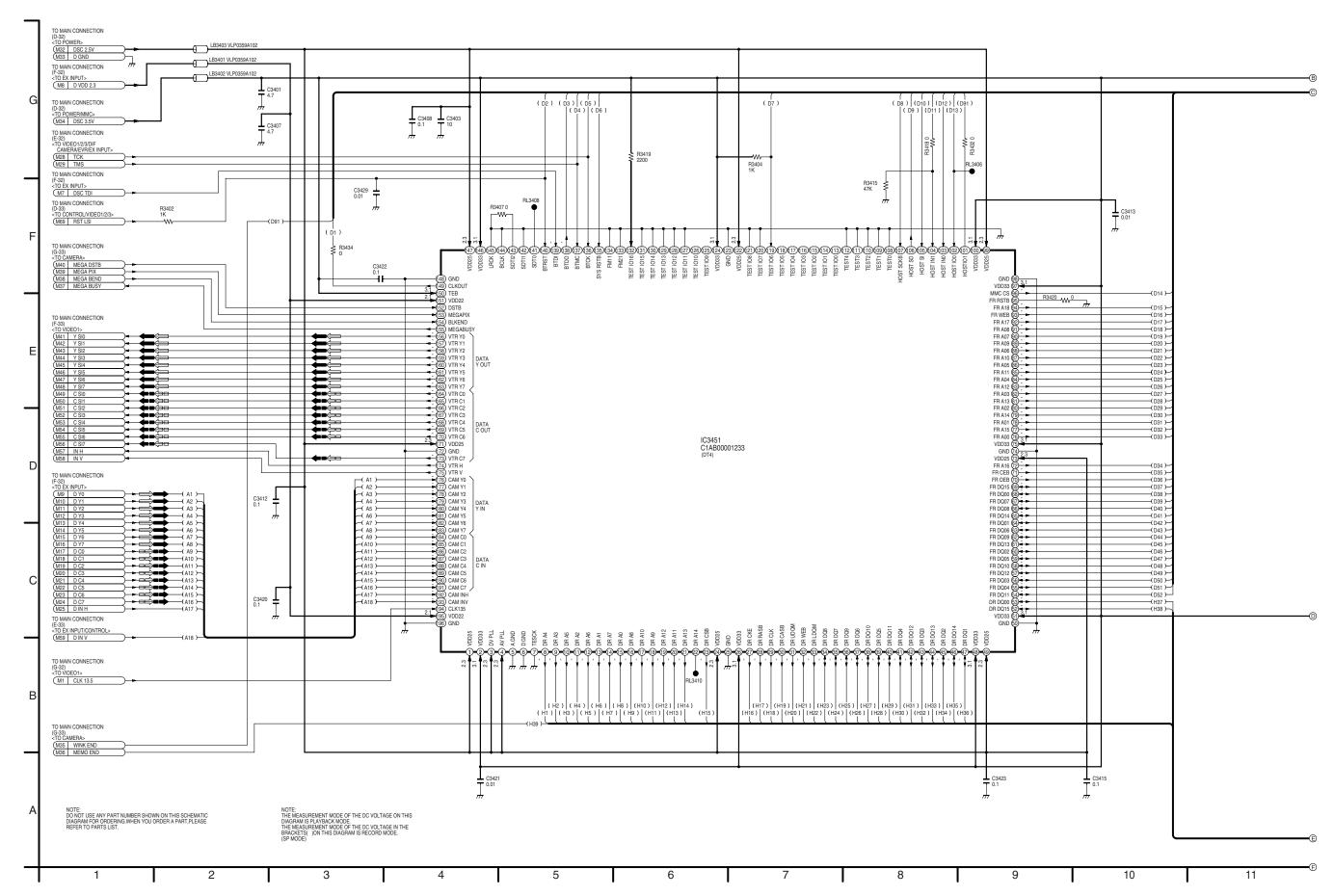
8.31. VIDEO 3 SCHEMATIC DIAGRAM

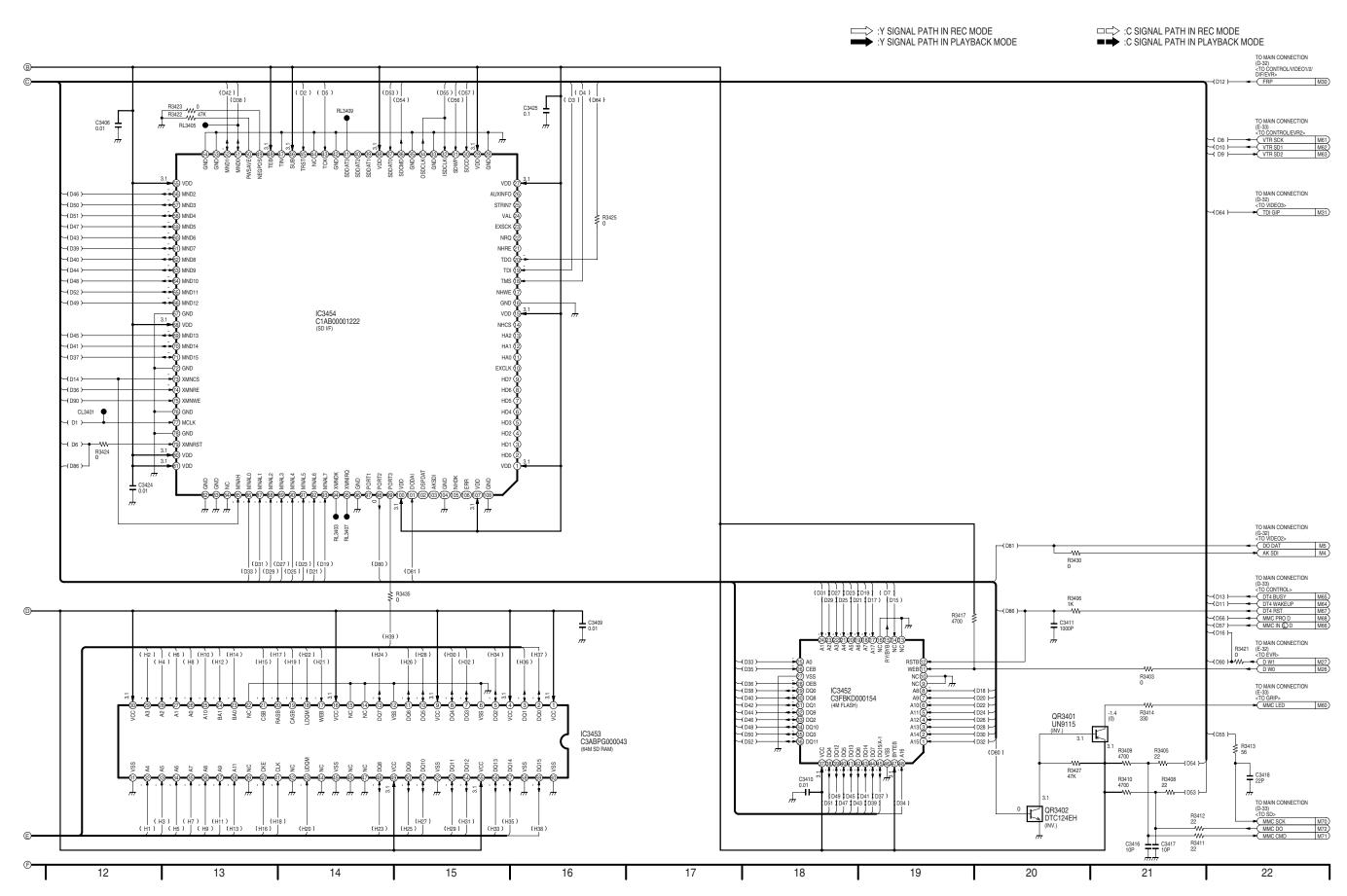


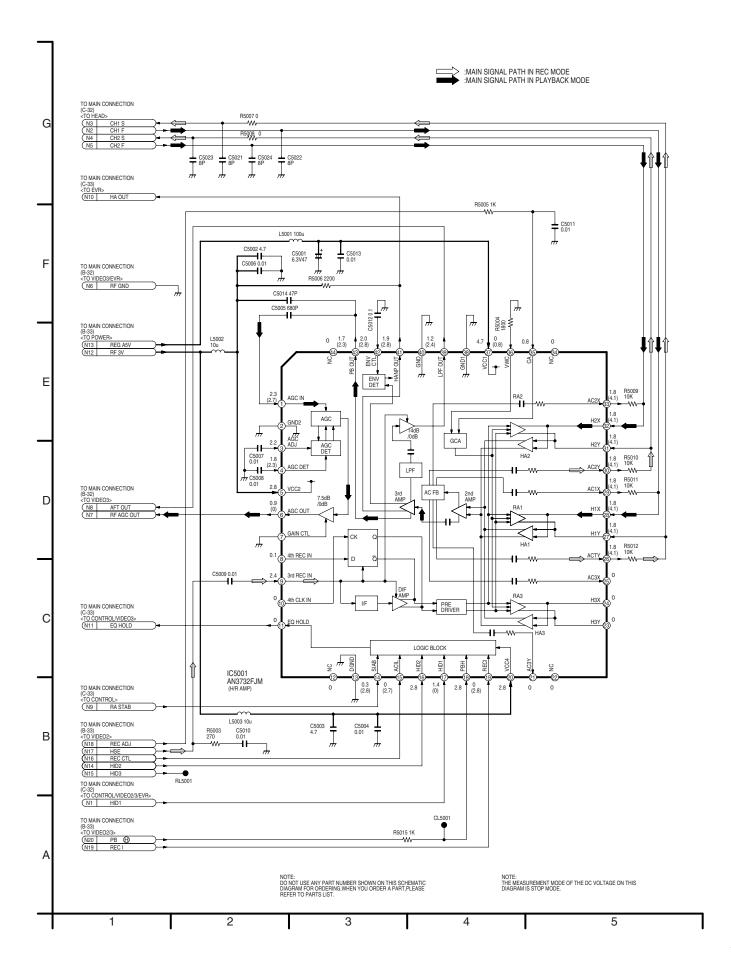




8.34. DSC SCHEMATIC DIAGRAM

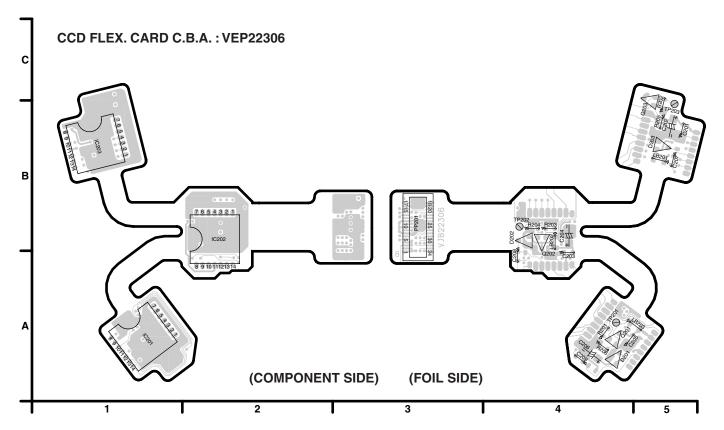




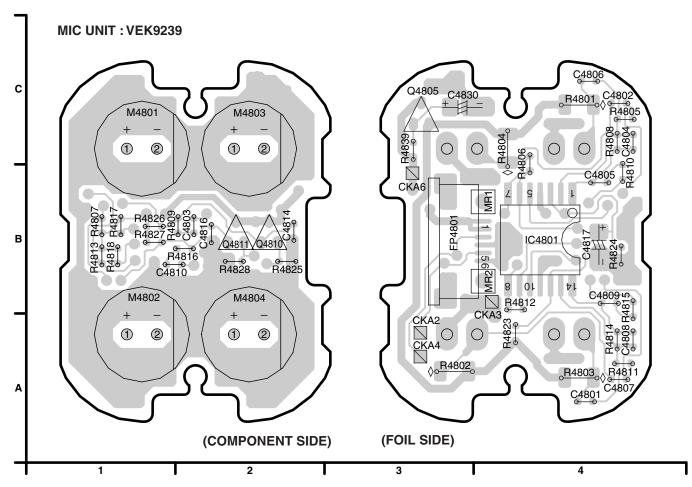


9 CIRCUIT BOARD ASSEMBLIES

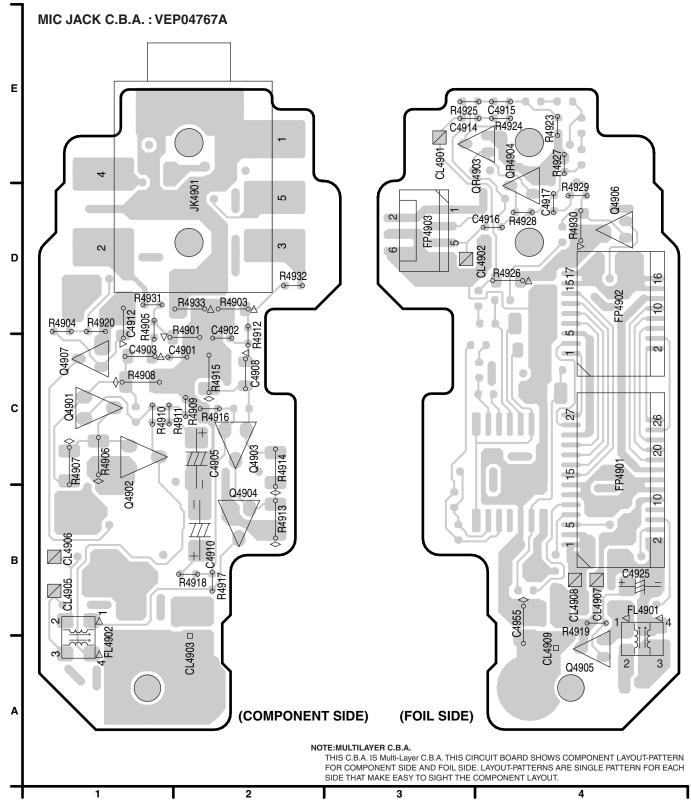
9.1. CCD FLEX. CARD C.B.A.



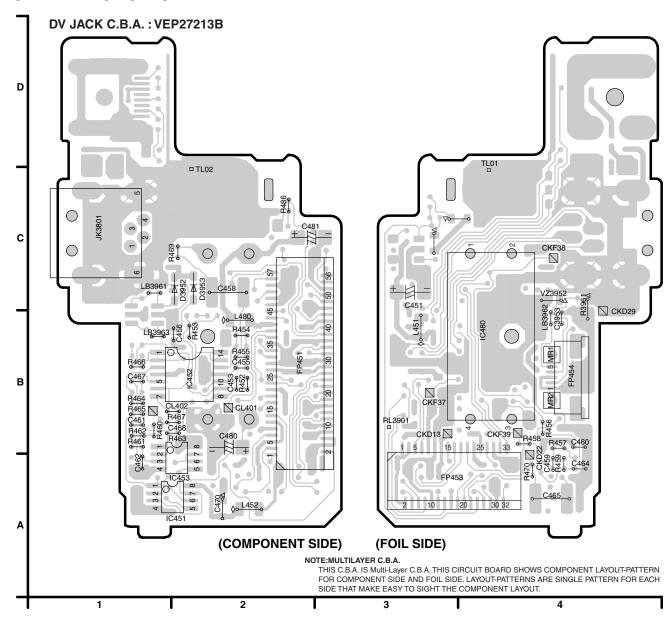
9.2. MIC UNIT



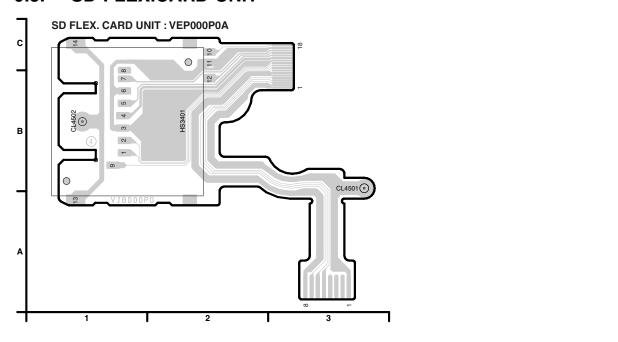
9.3. MIC JACK C.B.A.



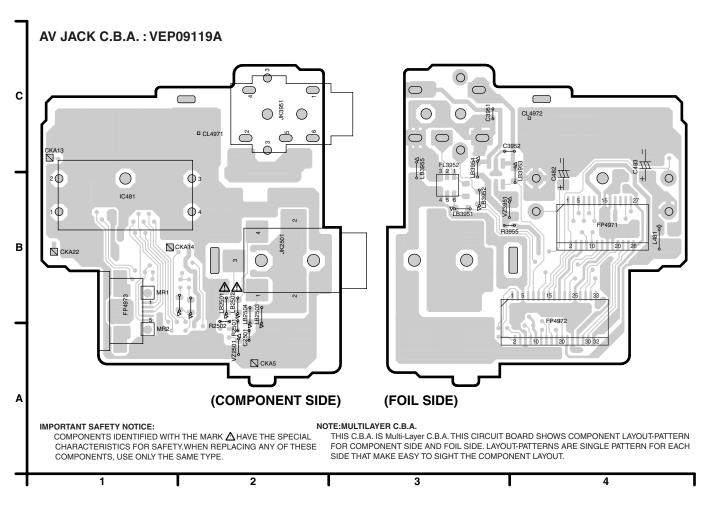
9.4. DV JACK C.B.A.



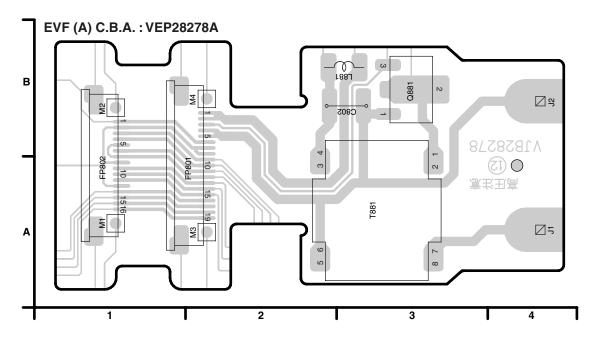
9.5. SD FLEX.CARD UNIT



9.6. AV JACK C.B.A.



9.7. EVF(A) C.B.A.



9.8. FRONT C.B.A.

9.9. MONITOR C.B.A.

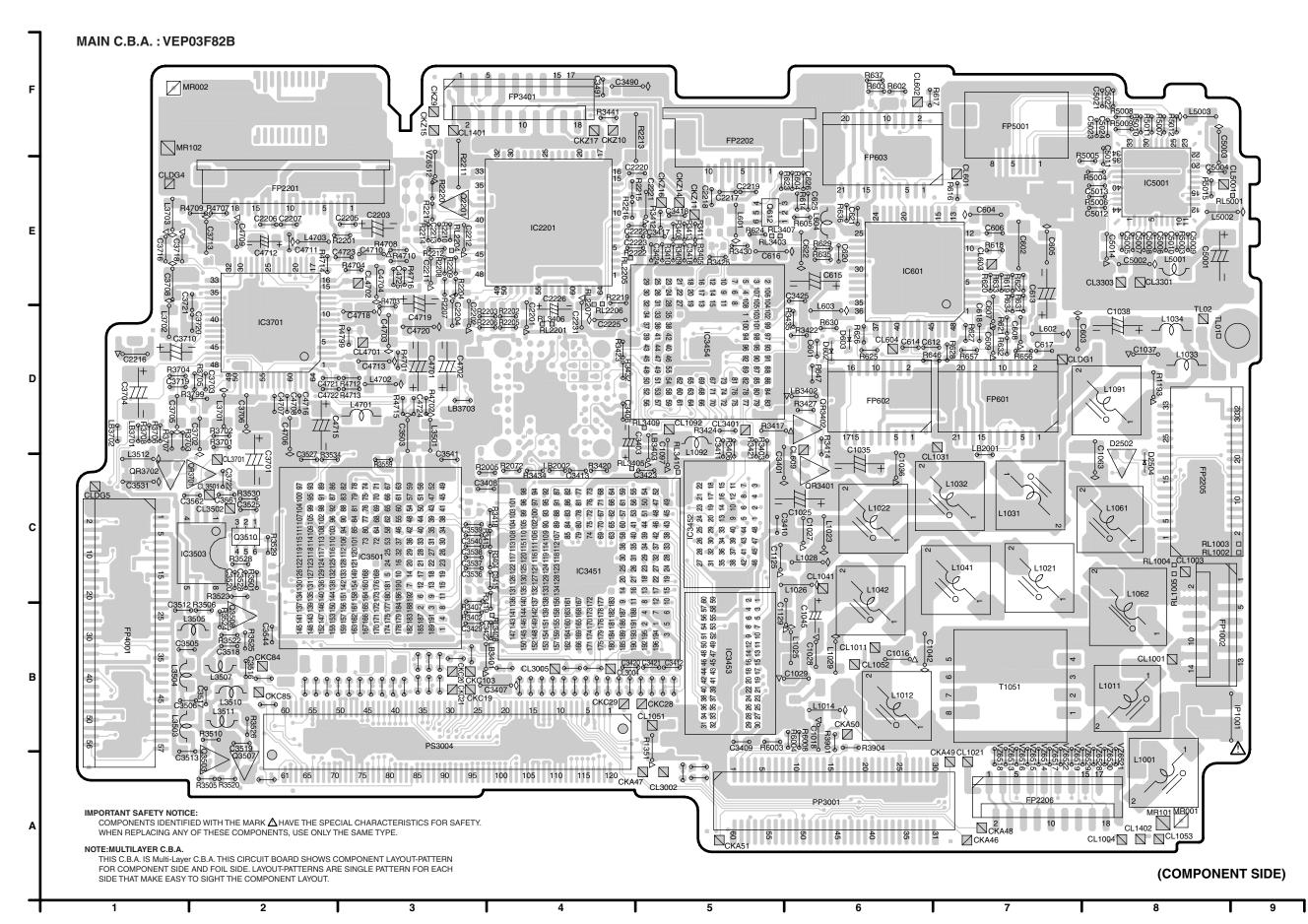
					MONITO	R C.B.A.					
Integrated 0	Circuit	Q904	C-2	T902	D-3	CL914	C-2	CL923	D-4	TL901	E-4
IC901	B-2	Q905	C-2	Test Point		CL915	D-2	CL924	D-4	TL902	A-1
IC903	E-3	Q906	A-3	CL901	B-2	CL916	D-2	CL925	D-2	TL903	E-3
IC904	E-3	Transistor 8	k Resistor	CL903	B-2	CL917	D-2	CL926	D-2	Connector	
IC905	D-4	QR901	C-4	CL905	C-1	CL918	D-2	CL927	D-2	FP901	B-4
Transistor		QR902	E-4	CL906	C-2	CL919	D-4	CL928	C-4	FP903	C-3
Q901	E-2	QR903	C-4	CL908	C-1	CL920	C-4	CL929	D-2	FP904	D-3
Q902	C-4	Transforme	r	CL911	B-2	CL921	C-4	CL930	C-4	FP905	E-2
Q903	B-3	T901	B-3	CL913	B-2	CL922	D-4	CL931	E-4		

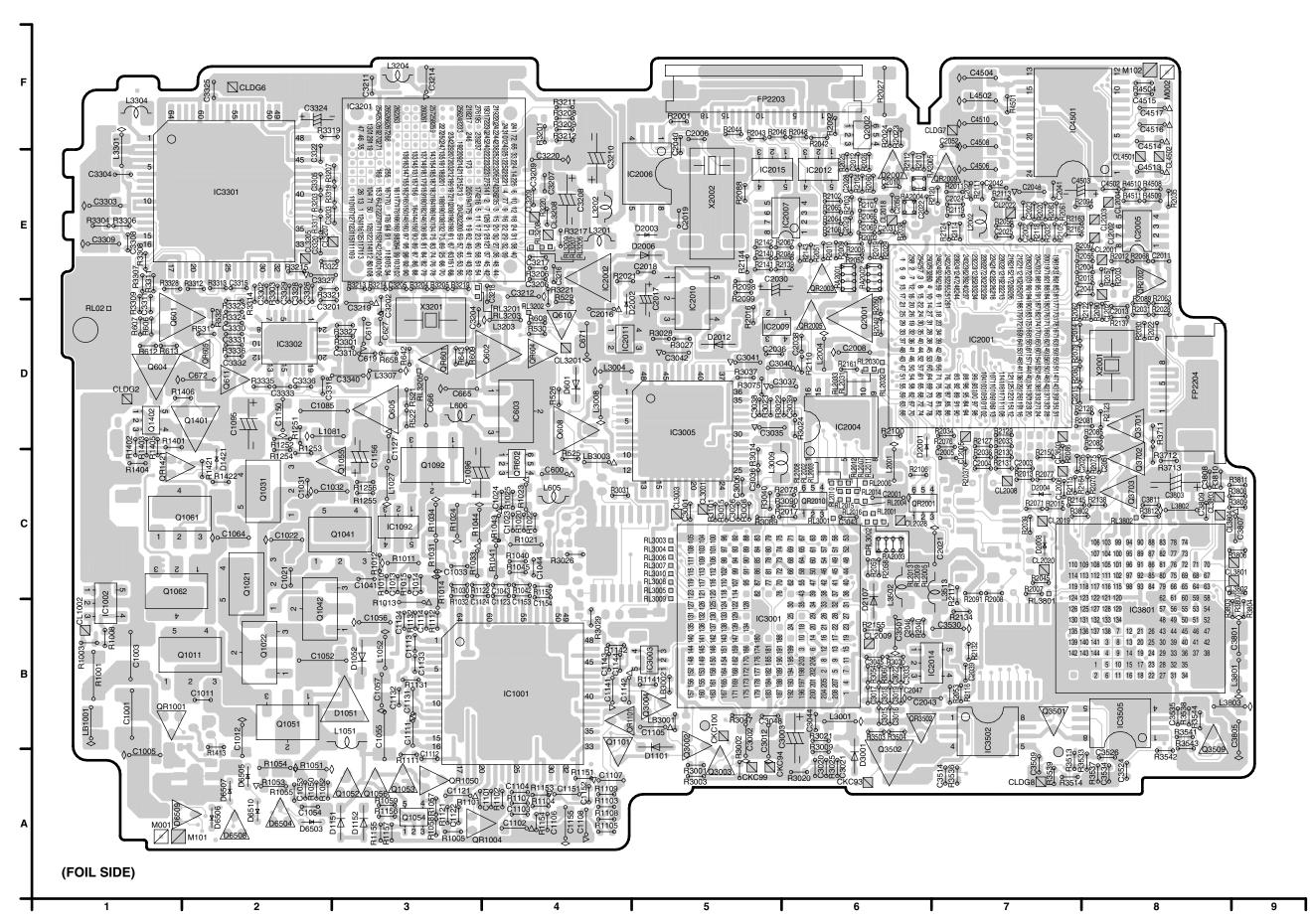
ADDRESS INFORMATION **MONITOR C.B.A.: VEP26251A** FRONT C.B.A.: VEP22305A IC905 R6402 + 0 0 0 Veneral Depot Depo Q C951 A R978 Q S ₅₄ R939 C6403 ∇0 LB6402 QR401 LB6403 C401 0 1040 _ 4 00 က 6 2 (COMPONENT SIDE) (FOIL SIDE)

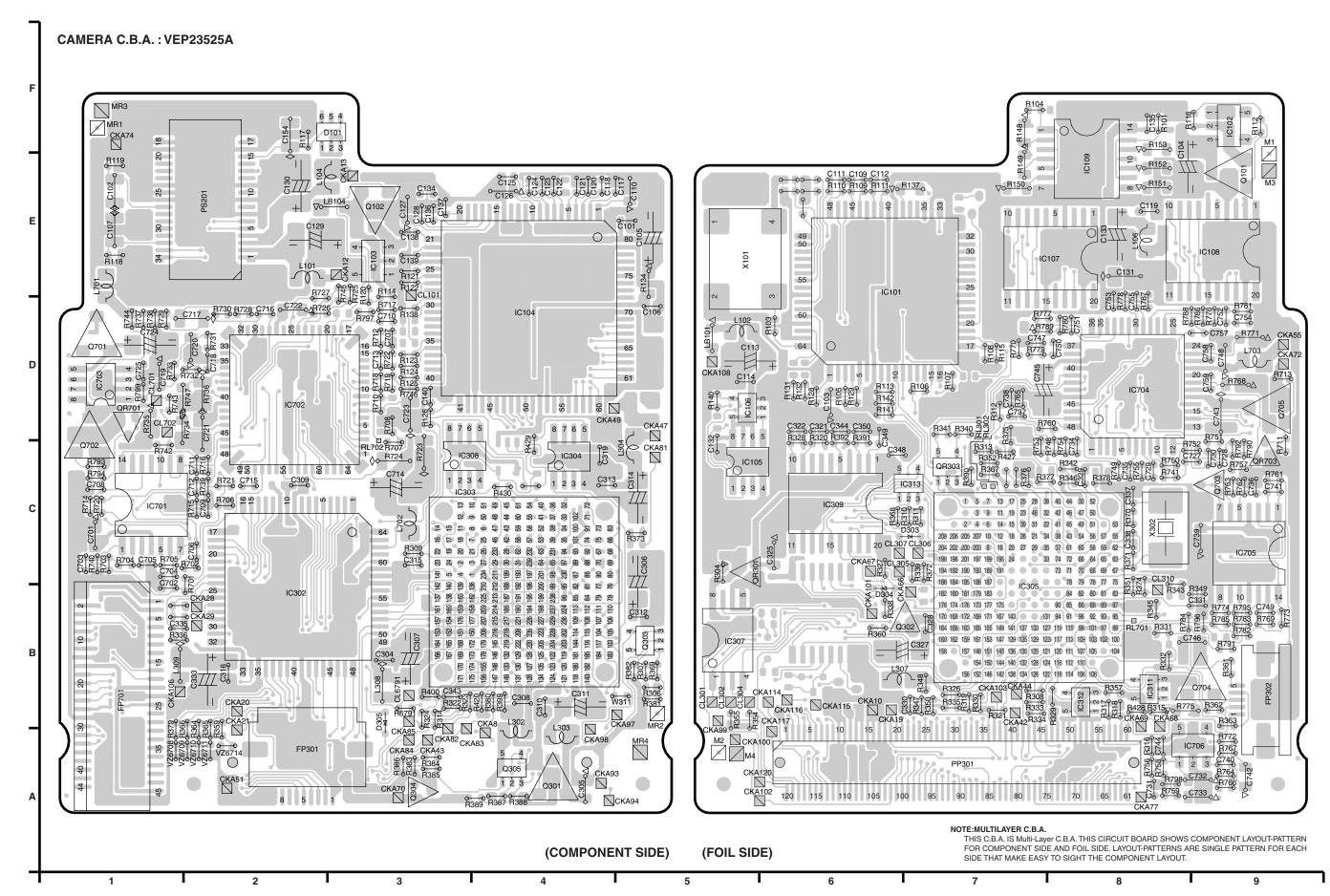
9.10. MAIN C.B.A. ADDRESS INFORMATION

													Main	C.B.A.																	
Integrate	ed Circuit	Q3510 C-2 Q3701 D-8		CL3002 CL3003	A-5 C C-5 F	RL3206 RL3207	E-4 F E-4 F	L1062 L1081	C-8 C D-3 F	C617 C618	D-7 C D-7 C	C1134 C1141	B-3 F B-4 F	C3002 C3003	B-5 F B-6 F	C3412 C3413	B-5 (C C4515 C C4516	F-8 F F-8 F	R629 R630	E-6 C D-6 C	R1251 R1252	D-2 F D-2 F	R2065 R2066	E-6 F E-6 F	R2203 R2204	D-3 C	R3319 R3321	F-3 F E-3 F	R3713 R3799	C-8 F D-2 C
IC601	D-6 C	Q3701 D-6		CL3003	B-4 C	RL3207	E-4 F	L1091	D-3 F D-8 C	C619	D-7 C	C1141	B-4 F	C3003	C-5 F	C3415	C-3 (C4516 C4517	F-8 F	R631	D-0 C		C-2 F	R2067	E-6 F	R2204 R2205	D-3 C	R3321	E-3 F	R3802	C-7 F
IC1001	B-4 F	Q3703 C-8		CL3005	B-4 C	RL3209	E-4 F	L1092	D-5 C	C620	E-6 C	C1143	B-4 F	C3012	B-5 F	C3416	E-5 (C4701	D-3 C	R632	D-7 C		C-2 F	R2068	E-8 F	R2206	D-3 C	R3323	D-2 F	R3803	B-8 F
IC1002	B-1 F	Transistor & Re		CL3201	D-4 F	RL3403	E-5 C	L2001	C-6 F	C621	E-6 C	_	B-4 F	C3015	B-6 F	C3417	E-5 (0 02	D-3 C		D-7 C		C-3 F	R2069	E-6 F	R2207	D-3 C	R3324	D-2 F	R3804	B-9 F
IC1092 IC2001	C-3 F D-7 F	QR601 D-3		CL3205 CL3207	E-2 F E-3 F	RL3405 RL3406	C-5 C D-4 C	L2002 L2004	E-7 F D-6 F	C622 C625	E-6 C E-6 C	C1150 C1151	D-2 F A-4 F	C3016 C3017	B-6 F B-6 F	C3418 C3420	E-5 (0 00	D-3 C D-3 C	R634 R635	D-7 C E-6 C		C-3 F B-5 C	R2070 R2071	C-8 F C-7 F	R2208 R2209	D-3 C	R3327 R3328	D-3 F E-1 F	R3806 R3807	C-9 F C-9 F
IC2001	E-4 F	QR604 D-4		CL3207	E-4 F	RL3407	E-5 C	L3001	B-6 F	C626	E-6 C	C1151	A-4 F	C3017	B-6 F	C3421	B-5 (D-3 C	R636	E-6 C		D-1 F	R2072	C-4 C	R2210	E-3 C	R3335	D-2 F	R3808	C-9 F
IC2004	D-6 F	QR605 D-2		CL3209	E-4 F	RL3408	B-4 C	L3004	D-4 F	C627	D-3 F	C1153	C-4 F	C3019	B-6 F	C3422	B-4 (0 0.	D-2 C		F-6 C		D-1 F	R2075	C-8 F	R2211	E-3 C	R3336	D-2 F	R3809	C-9 F
IC2005	E-8 F	QR1001 B-1		CL3301	D-8 C	RL3409	D-5 C	L3008	D-4 F	C665	D-3 F	C1154	C-4 F	C3020	A-6 F	C3423	C-5 (0 00	D-2 C		D-3 F	R1403	D-1 F	R2076	D-7 F	R2212	E-3 C	R3402	B-3 C	1	C-8 F
IC2006 IC2007	E-5 F E-6 F	QR1004 A-4 QR1050 A-3		CL3303 CL3401	D-8 C	RL3410 RL3801	C-5 C C-7 F	L3009 L3201	C-6 F E-4 F	C666 C671	D-3 F D-4 F	C1155 C1156	A-4 F C-3 F	C3021 C3022	A-6 F B-6 F	C3424 C3425	E-5 (C C4709 C C4710	E-2 C E-3 C	R643 R646	D-3 F D-7 C	R1404 R1405	C-1 F D-1 F	R2077 R2078	C-7 F C-6 F	R2213 R2214	F-5 C E-3 C	R3403 R3404	D-5 C C-3 C		C-9 F C-8 F
IC2009	D-5 F	QR1101 B-4		CL3501	C-2 C	RL3802	C-8 F	L3202	E-4 F	C672	D-2 F	C2001	C-6 F	C3026	C-5 F	C3429		C C4711	E-2 C		D-6 C		D-2 F	R2079	D-7 F	R2215	E-5 C	R3405	E-5 C		B-6 C
IC2010	E-5 F	QR1421 C-2		CL3502	C-2 C	RL5001	E-9 C	L3203	D-4 F	C1001	B-1 F	C2002	E-7 F	C3033	B-6 F	C3490		C4712	E-2 C		D-7 C		A-2 F	R2080	D-7 F	R2216	E-5 C	R3406	D-5 C		B-6 C
IC2011 IC2012	D-4 F E-6 F	QR2001 C-6 QR2002 E-8		CL3503 CL3701	D-7 F D-2 C	TL01 TL02	D-8 C D-8 C	L3204 L3301	F-3 F E-1 F	C1003 C1005	B-1 F A-1 F	C2003 C2004	C-7 F	C3035 C3036	D-5 F C-5 F	C3491 C3501	F-4 (B-6 I	C C4713 F C4715	D-3 C D-2 C		D-7 C D-3 F	R1421 R1422	C-2 F C-2 F	R2081 R2082	D-8 F D-8 F	R2217 R2219	E-3 C D-4 C	R3407 R3408	C-3 C E-5 C	R4501 R4504	F-7 F F-8 F
IC2012	B-6 F	QR2002 E-0		CL3701	C-8 F	Fuse	D-0 C	L3304	F-1 F	C1003	B-2 F	C2004	C-7 F	C3037	D-6 F	C3503		C4716	D-2 C		B-1 F	R2001	F-5 F	R2083	E-7 F	R2220	E-3 C	R3409	E-5 C	R4508	E-8 F
IC2015	E-5 F	QR2005 D-6		CL3802	C-8 F		B-9 C		D-3 F	C1012	B-2 F	C2006	F-5 F	C3038	D-5 F	C3505		C4718	D-3 C		B-1 F	R2002	E-6 F	R2084	E-6 F	R2222	E-5 C	R3410	E-5 C	R4509	E-8 F
IC2201	E-4 C	QR2009 E-7		CL3803	C-8 F	Diode		L3501	D-3 C	C1013	C-3 F	C2008	D-6 F	C3039	D-6 F	C3506	B-1 (D-3 C		A-3 F	R2003	E-8 F	R2085	D-8 F	R3001	A-5 F	R3411	E-5 C	R4510	E-8 F
IC3001 IC3003	B-5 F B-5 F	QR2010 C-6 QR3401 C-6	-	CL3804 CL4501	C-8 F E-8 F	D601 D602	D-4 F D-6 C	L3502 L3503	C-6 F B-1 C	C1014 C1016	C-3 F B-6 C	C2010 C2011	E-6 F	C3040 C3041	D-5 F D-5 F	C3509 C3512	A-7 I	C4720 C4721	D-3 C D-2 C		B-1 F C-3 F	R2004 R2005	E-8 F C-3 C	R2086 R2088	C-7 F E-5 F	R3002 R3003	A-5 F A-5 F	R3412 R3413	E-5 C	R4511 R4701	E-8 F D-3 C
IC3005	D-5 F	QR3401 C-6		CL4501 CL4502	E-8 F	D602	D-6 C		B-1 C	C1018	B-6 C	C2011	E-6 F	C3041	D-5 F	C3512	B-1 (D-2 C		C-3 F	R2005	E-6 F	R2089	D-8 F	R3003	C-5 F	R3414	D-6 C		D-3 C
IC3201	E-3 F	QR3502 B-6	6 F	CL4701	D-3 C	D1051	B-3 F	L3505	B-2 C	C1021	C-2 F	C2013	D-8 F	C3043	C-6 F	C3514	A-7 I	C4723	E-2 C	R1012	C-3 F	R2007	C-7 F	R2090	D-8 F	R3009	A-6 F	R3415	C-3 C	R4703	D-3 C
IC3301	E-2 F	QR3701 C-2		CL4702	D-3 C E-8 C	D1052 D1101	B-3 F A-5 F	L3507	B-2 C	C1022	C-2 F	C2014	D-7 F D-7 F	C3044	B-6 F	C3516 C3517		C C4724 C C4725	D-3 C		B-3 F C-3 F	R2008	C-7 F	R2091	C-7 F	R3014	C-5 F	R3417	D-5 C C-3 C		D-3 C
IC3302 IC3451	D-2 F C-4 C	QR3702 C-		CL5001 CLDG1	D-7 C	D1101	A-5 F A-3 F	L3510 L3511	B-2 C B-2 C	C1023 C1024	C-4 F C-4 F	C2015 C2016	D-7 F	C3045 C3048	B-6 F B-5 F	C3517		C C4725 C C5001	D-3 C E-8 C		C-3 F	R2009 R2010	E-6 F E-6 F	R2092 R2094	F-6 F E-7 F	R3015 R3020	C-5 F A-6 F	R3418 R3419	C-3 C C-4 C		E-2 C E-3 C
IC3452	C-5 C	FP601 D-7	7 C	CLDG2	D-1 F	D1152	A-3 F	L3512	D-1 C	C1025	C-6 C	C2017	E-5 F	C3201	D-3 F	C3519	B-2 (C5002	E-8 C	R1020	C-4 F	R2011	E-7 F	R2097	E-8 F	R3021	B-6 F	R3420	C-4 C	R4709	E-2 C
IC3453	B-5 C	FP602 D-6		CLDG4	E-1 C	D1421	C-2 F	L3513	C-7 F	C1027	C-6 C	C2018	E-5 F	C3202	D-3 F	C3520	C-2 (F-8 C		C-4 F	R2012	E-8 F	R2098	E-5 F	R3022	D-6 F	R3421	D-5 C		E-3 C
IC3454 IC3501	D-5 C C-3 C	FP603 F-6		CLDG5 CLDG6	C-1 C F-2 F	D2001 D2002	D-6 F D-4 F	L3701 L3702	D-2 C D-1 C	C1028 C1029	B-6 C B-6 C	C2019 C2021	E-5 F C-7 F	C3203 C3204	E-3 F D-4 F	C3524 C3525	A-8 I C-2 (C C5004 C C5005	E-8 C		C-4 F	R2013 R2015	C-7 F C-7 F	R2099 R2100	E-5 F D-6 F	R3023 R3024	D-5 F D-6 F	R3422 R3423	D-6 C D-4 C	R4712 R4713	D-3 C D-3 C
IC3502	B-7 F	FP2201 E-2		CLDG7	F-7 F	D2003	E-5 F	L3703	E-1 C	C1031	C-2 F	C2022	E-6 F	C3205	E-3 F	C3526	A-8	C5006	E-8 C		C-3 F	R2016	D-5 F	R2101	E-6 F	R3025	A-6 F	R3424	D-5 C	R4714	E-2 C
IC3503	C-2 C	FP2202 F-5		CLDG8	A-7 F	D2004	C-7 F	L3801	B-9 F	C1032	C-3 F	C2023	E-7 F	C3206	E-4 F	C3527	D-2 (E-8 C		C-4 F	R2017	C-6 F	R2102	E-6 F	R3026	C-4 F	R3425	E-5 C		D-3 C
IC3505 IC3701	B-8 F D-2 C	FP2203 F-5 FP2204 D-8		RL02 RL1002	D-1 F C-9 C	D2006 D2007	E-5 F E-6 F	L3802 L3803	C-8 F B-8 F	C1033 C1035	C-3 F D-6 C	C2024 C2025	E-7 F E-7 F	C3207 C3208	E-4 F E-4 F	C3528 C3530	C-2 (B-7 I		E-8 C		C-3 F	R2018 R2019	E-8 F E-6 F	R2103 R2104	E-6 F E-6 F	R3027 R3028	D-5 F	R3427 R3430	D-6 C E-5 C	R4716 R4799	D-3 C D-3 C
IC3701	B-8 F	FP2205 C-8		RL1002	C-9 C	D2007	C-7 F	L4502	F-7 F	C1033	C-6 C	C2025	C-7 F	C3209	E-4 F	C3530	C-1 (E-8 C		C-3 F	R2019	E-7 F	R2104	E-7 F	R3029	B-4 F	R3432	D-4 C	R5003	E-8 C
IC4501	F-7 F	FP2206 A-7	7 C	RL1004	C-8 C	D2012	D-5 F	L4701	D-3 C	C1037	D-8 C	C2027	E-7 F	C3210	E-4 F	C3534	A-8 I	C5011	F-8 C	R1033	C-3 F	R2021	E-4 F	R2106	C-6 F	R3030	B-6 F	R3434	C-4 C	R5004	E-8 C
IC5001	E-8 C	FP3401 F-4		RL1005	C-8 C	D2107	B-6 F	L4702	D-3 C	C1038	D-8 C	C2028	E-6 F	C3211	F-3 F	C3535	B-8 I	C5012	E-8 C	R1034	C-3 F	R2022 R2023	D-8 F F-6 F	R2107	E-6 F	R3031	C-4 F	R3435	D-6 C	R5005	E-8 C
Transist Q601	or D-2 F	FP4001 B-1 FP5001 F-7		RL2001 RL2002	C-6 F	D2502 D2504	D-8 C D-8 C	L4703 L5001	E-2 C D-8 C	C1041 C1042	C-3 F B-6 C	C2029 C2030	E-6 F E-5 F	C3212 C3214	E-4 F F-3 F	C3536 C3537	C-3 (E-8 C E-8 C		C-4 F	R2023 R2024	F-6 F	R2108 R2110	E-6 F D-6 F	R3037 R3040	D-5 F C-5 F	R3441 R3501	F-4 C C-2 C	R5006 R5007	E-8 C F-8 C
Q602	D-4 F	PP3001 A-6		RL2003	C-6 F	D3001	A-6 F	L5002	E-8 C	C1043	C-4 F	C2031	E-6 F	C3216	E-4 F	C3538	C-3 (F-8 C		C-4 F	R2025	E-6 F	R2111	E-7 F	R3047	B-5 F	R3503	B-6 F	R5008	F-8 C
Q604	D-1 F	PS3004 B-3		RL2004	C-6 F	D6503	A-2 F	L5003	F-8 C	C1044	C-4 F	C2036	D-5 F	C3217	E-4 F	C3539	C-3 (C5022	F-8 C		C-4 F	R2026	E-6 F	R2112	E-6 F	R3054	B-6 F	R3504	B-6 F	R5009	F-8 C
Q605 Q608	D-3 F D-4 F	Test Point CL601 E-7		RL2005 RL2006	C-6 F	D6504 D6505	A-2 F A-2 F	LB1001 LB2001	B-1 F D-7 C	C1045 C1052	B-6 C B-2 F	C2038 C2039	D-6 F B-7 F	C3218 C3219	E-4 F D-3 F	C3540 C3541	C-3 (C C5023 C C5024	F-8 C F-8 C	R1044 R1045	C-4 F	R2027 R2028	F-6 F D-8 F	R2113 R2114	E-7 F E-7 F	R3060 R3075	B-6 F D-5 F	R3505 R3506	A-2 C C-2 C	R5010 R5011	F-8 C F-8 C
Q610	D-4 F	CL602 F-6		RL2007	C-6 F	D6506	A-2 F	LB2002	C-4 C	C1053	A-2 F	C2040	F-5 F	C3220	E-4 F	C3544		Resisto		R1050	A-2 F	R2029	E-6 F	R2115	C-7 F	R3089	C-5 F	R3510	B-2 C		F-8 C
Q611	D-2 F	CL603 E-7		RL2008	C-6 F	D6507	A-2 F	LB3001	B-5 F	C1054	A-2 F	C2041	E-7 F	C3302	E-2 F	C3561	C-2 (R521	D-3 F	R1051	A-2 F	R2030	D-8 F	R2116	B-7 F	R3090	C-6 F	R3513	A-7 F	R5015	E-8 C
Q612 Q1011	E-5 C B-2 F	CL604 D-6		RL2009 RL2010	C-6 F	D6508 D6509	A-2 F A-2 F	LB3002 LB3003	B-5 F C-4 F	C1055 C1056	B-3 F B-3 F	C2042 C2043	E-7 F B-6 F	C3303 C3304	E-1 F	C3562 C3701	C-1 (R522 R525	D-3 F C-4 F	R1052 R1053	A-3 F A-2 F	R2031 R2032	D-8 F E-7 F	R2117 R2118	C-7 F E-7 F	R3101 R3201	C-5 F F-4 F	R3514 R3520	A-7 F A-2 C	R6003 R6004	B-5 C B-6 C
Q1011	C-2 F	CL1001 B-8		RL2010	C-6 F		A-2 F		B-3 C	C1057	B-3 F	C2044	E-8 F	C3305	E-2 F	C3701	D-2 (R526	D-4 F		A-2 F	R2033	D-7 F	R2119	E-7 F	R3203	E-2 F	R3522	B-2 C		B-6 C
Q1022	B-2 F	CL1002 B-1	1 F	RL2012	C-6 F	Coil		LB3402		C1063	D-8 C	C2046	B-6 F	C3308	E-1 F	C3703	D-2 (R529	D-4 F	R1055	A-2 F	R2034	D-7 F	R2120	E-7 F	R3204	E-3 F	R3523	C-2 C	Resistor	r Array
Q1031	C-2 F	CL1003 C-8		RL2013		L601	E-5 C D-7 C	LB3403 LB3701		C1064	C-2 F	C2047	B-6 F	C3309	E-1 F	C3704		R530	D-4 F		A-3 F	R2035	E-8 F	R2122	D-8 F	R3205	E-3 F	R3524	B-2 C		
Q1041 Q1042	C-3 F B-2 F	CL1004 A-8 CL1011 B-6		RL2014 RL2015	C-6 F	L602 L603	D-7 C		D-1 C D-1 C	C1085 C1095	D-2 F D-2 F	C2048 C2050	E-7 F E-6 F	C3310 C3311	D-3 F D-1 F	C3705 C3706		R531 R532	D-2 F D-2 F	R1058 R1059	A-3 F A-3 F	R2036 R2037	C-7 F C-7 F	R2123 R2124	D-8 F E-7 F	R3206 R3207	E-4 F E-3 F	R3525 R3526	B-2 C B-2 C		
Q1051	B-2 F	CL1021 B-7		RL2016	C-6 F	L604	E-6 C	LB3703		C1096	C-4 F	C2051	C-8 F	C3315	E-2 F	C3708		R602	F-6 C	R1101	A-4 F	R2038	E-6 F	R2126	D-8 F	R3208	F-4 F	R3528	C-2 C		
Q1052	A-3 F	CL1031 D-7			D-6 F	L605	C-4 F	Transfo		C1097	D-5 C		F-7 F	C3318	D-2 F	C3710	D-1 (F-6 C	-	A-4 F	R2039	C-7 F	R2127	D-7 F		F-4 F	R3529	C-2 C		E-6 F
Q1053 Q1054	A-3 F A-3 F	CL1041 C-6 CL1051 B-5		RL2031 RL2032	D-6 F	L606 L1001	D-3 F A-8 C		B-7 C Oscillator	C1101 C1102	A-4 F A-4 F	C2201 C2202	D-4 C D-3 C	C3320 C3322	E-2 F E-2 F	C3713 C3716		R604 R605	E-6 C E-6 C		A-4 F	R2040 R2042	B-6 F F-6 F	R2129 R2130	D-7 F C-7 F		F-4 F F-4 F	R3530 R3533	C-2 C A-8 F		, !
Q1055	C-3 F	CL1052 B-6	6 C	RL2033	D-6 F	L1011	B-8 C	X2001	D-8 F	C1103	A-4 F	C2203	E-3 C	C3324	F-2 F	C3718	E-1 (D-1 F		A-4 F	R2043	F-5 F	R2131	C-7 F	R3213	E-3 F	R3534	D-2 C		, !
Q1056	A-3 F	CL1053 A-8			D-4 C	L1012	B-6 C		E-5 F	C1104	A-4 F		D-3 C	C3325	F-2 F	C3719	D-1 (D-1 F		A-4 F	R2044	F-5 F	R2132	B-7 F		E-3 F	R3536	A-7 F		, !
Q1061 Q1062	C-2 F C-2 F	CL1092 D-9 CL1401 F-3		RL2204 RL2205	E-3 C	L1014 L1021	B-6 C C-7 C	X3201 Capacit	D-3 F	C1105 C1106	B-5 F A-4 F		E-3 C E-2 C	C3326 C3327	E-2 F E-2 F	C3720 C3721	D-1 (R608 R609	D-4 F D-3 F		A-4 F A-4 F	R2045 R2046	C-7 F F-5 F	R2134 R2137	B-7 F D-8 F	R3215 R3217	E-2 F E-4 F	R3537 R3538	A-8 F B-8 F		1
Q1002 Q1092	C-2 F	CL1401 P-3		RL2205 RL2206	D-4 C	L1021	C-6 C	C600	C-4 F	C1100	A-4 F		E-2 C	C3328	E-2 F	C3721		R612	D-3 F D-1 F	R1111	A-4 F	R2048	F-6 F	R2137 R2138	C-8 F	R3217	E-4 F	R3539	A-7 F		1
Q1101	A-4 F	CL2001 E-8	8 F	RL2207	D-4 C	L1023	C-6 C	C601	D-6 C	C1108	A-4 F	C2211	D-3 C	C3329	E-2 F	C3801	B-9 I	F R613	D-1 F	R1112	B-3 F	R2049	D-6 F	R2139	E-6 F	R3220	E-4 F	R3541	B-8 F		1
Q1401 Q1402	D-2 F	CL2002 E-8 CL2003 E-8		RL3001 RL3002	C-6 F	L1025	B-6 C	C602 C603	E-7 C	C1111 C1112	B-3 F A-3 F	C2212 C2213	E-3 C E-3 C	C3330	D-2 F D-2 F	C3803 C3805		F R614 F R616	E-6 C E-7 C	R1121	A-3 F C-4 F	R2050	D-6 F E-6 F	R2140 R2141	E-5 F E-5 F	R3221 R3301	E-4 F	R3542	A-8 F		1
Q1402 Q2001	D-1 F D-6 F	CL2003 E-8		RL3002 RL3003	C-6 F	L1026 L1027	C-6 C C-3 F	C604	D-8 C E-7 C	C1112 C1113	A-3 F B-3 F	C2213	D-1 C	C3331 C3332	D-2 F	C3805	B-9 I C-9 I	F R617	F-7 C		B-3 F	R2051 R2052	E-6 F	R2141 R2142		R3301	D-3 F E-2 F	R3543 R3544	A-8 F B-8 F		4
Q2002	F-6 F	CL2005 D-7	7 F	RL3004	C-5 F	L1028	C-6 C		E-7 C	C1114	B-3 F	C2217	E-5 C	C3333	D-2 F	C3808	C-8	F R618	E-7 C		B-3 F	R2053	B-7 F	R2143	E-6 F	R3304	E-1 F	R3559	D-3 C		1
Q2201	E-3 C			RL3005	C-5 F	L1029	B-6 C	C606	E-7 C	C1121	A-3 F	C2218	E-5 C	C3336	D-2 F	C3809	C-8 I		D-7 C		B-5 F	R2055	E-8 F	R2144	E-5 F	R3306	E-1 F	R3701	D-2 C		1
Q3002 Q3003	B-5 F A-5 F	CL2008 C-7 CL2009 B-6			C-5 F	L1031 L1032	C-7 C C-7 C		D-7 C D-7 C	C1122 C1123	A-3 F C-4 F	C2219 C2220	E-5 C E-5 C	C3340 C3401	D-3 F D-5 C	C3811 C4502	C-8 I E-8 I	F R620 F R621	D-7 C D-7 C		B-4 F A-4 F	R2056 R2057	E-7 F E-8 F	R2145 R2150	C-7 F C-7 F		E-1 F	R3702 R3703	D-2 C D-1 C		4
Q3003 Q3004	B-5 F			RL3007			D-8 C		D-7 C	C1123	C-4 F		E-5 C	C3401	D-3 C	C4502	E-7 I	F R622	D-7 C		C-4 F	R2057 R2058	C-6 F	R2155	B-6 F	R3309	D-1 F	R3703	D-1 C		1
Q3501	B-7 F	CL2019 C-7	7 F	RL3009	B-5 F	L1034	D-8 C	C610	D-3 F	C1125	C-5 C	C2222	E-5 C	C3406	D-4 C	C4504	F-7 I	R623	E-5 C	R1153	A-4 F	R2059	C-6 F	R2161	D-6 F	R3311	E-1 F	R3705	D-2 C		1
Q3502	A-6 F	CL2020 C-7			C-5 F	L1041	C-7 C		D-7 C	C1127	C-3 F	C2223	E-5 C	C3407	B-4 C	C4506	E-7 I	R624	E-5 C		A-4 F	R2060	E-6 F	R2162	E-7 F		E-2 F	R3706	D-1 C		1
Q3503 Q3507	B-2 C A-2 C	CL2021 E-8 CL2022 E-7		RL3201 RL3202	E-3 F D-4 F	L1042 L1051	C-6 C B-3 F		D-7 C D-6 C	C1129 C1131	B-6 C B-3 F	C2225 C2226	D-4 C D-4 C	C3408 C3409	C-3 C B-5 C	C4508 C4510	F-7 I	F R625 F R626	D-6 C D-6 C		A-3 F A-3 F	R2061 R2062	E-7 F D-7 F	R2163 R2164	E-7 F C-7 F		E-2 F E-2 F	R3707 R3708	D-1 C		4
Q3508	B-2 C			RL3203	E-3 F		B-3 F	C615	D-6 C	C1132	B-3 F	C2231	D-4 C	C3410	C-5 C	C4513	E-8	R627	D-7 C	R1157	A-3 F	R2063	D-8 F	R2201	E-2 C	R3317	E-2 F	R3711	D-8 F		, ,
Q3509	B-8 F				D-3 F	L1061	C-8 C	C616	E-5 C	C1133	B-3 F	C3001	C-5 F	C3411	D-5 C	C4514	F-8 I	R628	D-7 C	R1193	D-8 C	R2064	E-6 F	R2202	D-4 C		E-3 F	R3712	C-8 F		
ADDRESS	INFORM	IATION C	-COMPC	ONENT SI	DE F -	FOIL SIDE	Ē																								

9.11. MAIN C.B.A. (COMPONENT SIDE)







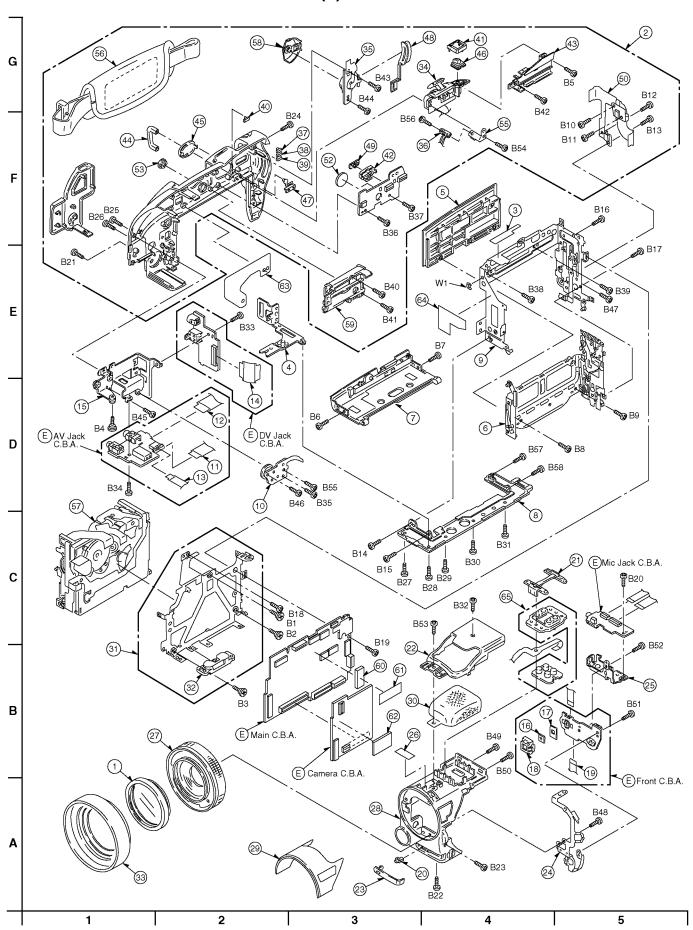
9.14. CAMERA C.B.A. ADDRESS INFORMATION

						Camera	CBA								
Integrate	ed Circuit	Diode		C137	E-3	C730	C-9	R142	D-6	R368	C-6	R733	D-1	R797	D-3
IC101	E-6	D101	F-3	C138	E-3	C731	A-8	R148	E-7	R369	B-5	R734	D-2	R798	A-8
IC102	F-9	D303	C-6	C139	E-3	C732	A-8	R149	E-7	R370	C-8	R735	D-1	R799	D-1
IC103	E-3	D304	C-6	C140	D-3	C733	A-8	R150	E-7	R371	C-8	R736	D-2		
IC104	D-4	D305	B-3	C154	F-2	C734	C-8	R151	E-8	R372	C-7	R737	D-1		
IC105	C-5	Connecto		C304	B-3	C735	C-8	R152	E-8	R373	C-5	R738	D-1		
IC106	D-5	FP301	A-2	C305	A-4	C736	C-9	R153	E-8	R374	C-8	R739	C-2		
IC107	E-7	FP302	B-9	C306	C-5	C737	D-7	R304	C-5	R375	D-7	R740	C-1		
IC108	E-9	FP701	B-1	C307	B-3	C738	D-7	R306	B-5	R376	C-7	R741	C-8		
IC109	E-8	PP301	A-7	C308	B-4	C739	C-8	R307	B-5	R377	C-7	R742	C-1		
IC302	C-2	PS201	E-2	C309	C-2	C740	A-9	R308	B-7	R378	C-8	R743	D-1		
IC303	B-4	Crystal (Osillator	C310	B-4	C741	C-9	R309	C-3	R379	B-1	R744	D-1		
IC304	C-4	X101	E-5	C311	B-4	C742	A-9	R310	C-6	R380	B-4	R745	E-3		
IC305	C-7	X302	C-8	C312	B-5	C743	D-9	R311	C-7	R381	B-5	R746	D-3		
IC307	B-5	Coil	.	C313	C-4	C744	A-8	R312	D-7	R382	B-5	R747	D-2		
IC308	C-3	L101	E-2	C314	C-5	C745	D-7	R313	C-7	R383	A-3	R748	C-8		
IC309	C-6	L102	D-5	C315	C-3	C746	B-8	R314	B-3	R384	A-3	R749	C-8		
IC311	B-8	L104	E-3	C316	B-2	C747	D-7	R315	B-8	R385	A-3	R750	C-8		
IC312	B-8	L106	E-8	C319	C-4	C748	D-9	R316	A-8	R386	A-3	R751	D-9	1	
IC313	C-6	L302	B-4	C321	D-6	C749	B-9	R317	B-8	R387	A-4	R752	C-8		
IC701	C-1	L303	A-4	C322	D-6	C750	D-7	R318	B-8	R388	A-4	R753	C-7	1	
IC702	D-2	L304	C-5	C325	C-6	C751	D-8	R319	B-7	R389	A-4	R754	C-8		
IC703	D-1	L307	B-6	C327	B-6	C752	D-9	R320	D-6	R390	C-7	R755	C-8		
IC704	D-8	L308	B-3	C328	B-7	C753	E-8	R321	B-7	R391	D-6	R756	A-8		
IC705	C-9	L309	B-1	C329	C-8	C754	D-9	R322	B-3	R392	D-6	R757	C-9		
IC706	A-8	L701	E-1	C330	B-6	C755	E-8	R323	B-4	R399	B-4	R758	A-8		
Transist		L702	C-3	C331	B-8	C757	D-8	R324	B-3	R400	B-3	R759	A-8		
Q101	E-9	L703	D-9	C333	B-2	C758	D-9	R326	B-7	R420	B-4	R760	D-7		
Q102	E-3	LB101	D-5	C335	B-1	C759	D-9	R327	C-6	R427	C-7	R761	C-9		
Q301	A-4	LB104	E-3	C337	C-8	Resistor		R328	D-6	R428	B-8	R762	C-9		
Q302	B-6	Capacito		C338	C-8	R101	E-8	R329	B-7	R429	C-4	R763	C-9		
Q303	B-5	C101	E-5	C343	B-3	R103	D-6	R330	B-7	R430	C-4	R764	A-9		
Q304	A-3	C102	E-1	C344	D-6	R104	E-7	R331	B-8	R6791	B-3	R765	D-7		
Q305	A-4	C103	D-6	C348	C-6	R105	D-6	R332	B-8	R701	C-2	R766	A-9		
Q701	D-1	C104	E-8	C349	D-6	R106	D-7	R333	B-7	R702	C-2	R767	A-9		
Q702	D-1	C105	E-5	C350	D-6	R107	D-7	R334	B-7	R703	C-1	R768	D-9		
Q703	C-9	C106	D-5	C701	C-1	R108	D-7	R335	B-7	R704	C-1	R769	B-9		
Q704	B-8	C107	E-1	C702	B-1	R109	E-6	R336	B-1	R705	C-1	R770	D-7		
Q705	D-9	C109	E-6	C703	C-1	R110	E-6	R338	B-6	R706	C-2	R771	D-9		
	& Resistor	C110	E-5	C704	C-1	R111	E-6	R339	C-7	R707	D-3	R772	B-9		
QR301	C-5	C111	E-6	C705	C-1	R112	E-9	R340	D-7	R708	D-3	R773	B-9		
QR303	C-7	C112	E-6	C706	C-2	R113	D-6	R341	D-7	R710	D-3	R774	B-9		
QR701	D-1	C113	D-5	C707	D-3	R114	E-3	R342	C-8	R711	C-9	R775	B-8		
QR703	C-9	C114	D-5	C708	C-1	R115	D-7	R343	C-8	R712	D-3	R776	D-9	1	
Test Poi CL101	nt E-3	C117 C118	E-5 E-4	C709 C710	C-2 D-3	R116 R117	E-8 F-2	R345 R346	B-8 C-8	R713 R714	D-9 C-1	R777 R778	D-7 E-8		
CL101 CL301	E-3 B-5	C118 C119	E- 4 E-8	C710 C711	D-3 C-2	R117 R118	F-2 E-1	R346 R347	С-8 В-7	R7 14 R715	C-1 C-2	R778 R779	D-7		
CL301 CL302	B-5 B-5	C119 C120	E-8 E-4	C711	C-2 C-2	R118	E-1 E-1	R347 R348	B-7 B-7	R715 R716	C-2 C-2	R779 R780	D-7 D-8]
CL302 CL304	B-5	C120	E-4 E-4	C712 C713	D-3	R120	E-3	R349	B-7 B-8	R710 R717	D-3	R781	D-6 D-9	1	
CL304 CL305	C-6	C121	E-4	C713	C-3	R120	E-3	R350	B-0 B-7	R717	D-3 D-3	R782	B-9	1	
CL305	C-0 C-7	C122	E-4	C7 14 C715	C-3 C-2	R121	E-3	R351	C-8	R719	D-3 D-3	R783	B-9 B-9]
CL307	C-6	C123	E-4	C715	D-2	R123	D-3	R352	C-7	R720	C-1	R784	B-8	1	
CL307	C-8	C124	E-4	C710	D-2 D-2	R124	D-3 D-3	R354	B-5	R721	C-1	R785	B-9	1	
CL701	D-1	C126	E-4	C717	D-2 D-2	R125	D-3 D-3	R355	B-5	R722	D-3	R786	D-8	1	
CL701	D-1 D-1	C120	E-3	C710	D-2 D-1	R126	D-3 D-3	R357	B-8	R723	C-3	R787	E-8]
CL6791	B-3	C128	E-3	C720	D-2	R128	D-6	R359	B-2	R724	C-3	R788	D-8	1	
RL301	C-7	C129	E-2	C721	D-2	R129	D-6	R360	B-6	R725	E-3	R789	D-7	1	
RL302	C-7	C130	E-2	C722	D-2	R131	D-6	R361	B-9	R726	D-2	R790	C-9]
RL701	B-8	C131	E-8	C723	D-3	R132	D-6	R362	B-9	R727	E-2	R791	B-9]
RL701	D-3	C132	C-5	C724	D-1	R134	E-5	R363	B-9	R728	D-2	R792	C-9	1	[
1 02] - "	C133	E-8	C725	D-1	R137	E-6	R364	B-2	R729	D-1	R793	C-1	1	
		C134	E-3	C727	C-8	R138	D-3	R365	B-2	R730	D-2	R794	C-1		
		C135	E-8	C728	C-9	R140	D-5	R366	B-2	R731	D-2	R795	B-9	1	
		C136	E-3	C729	C-8	R141	D-6	R367	C-7	R732	D-2	R796	B-9	1	
														L.	

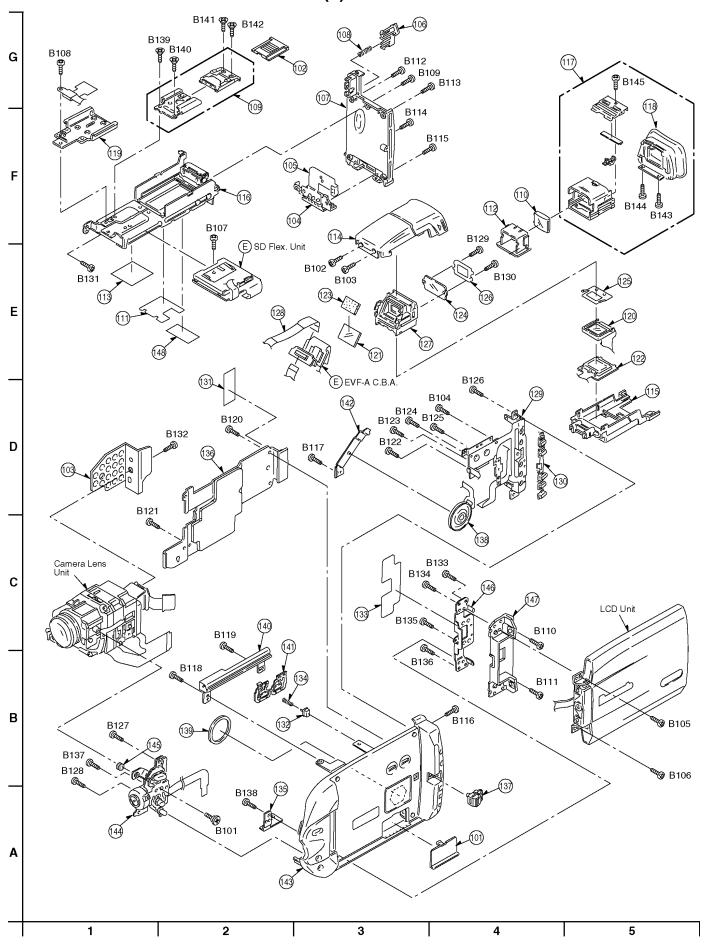
ADDRESS INFORMATION

10 EXPLODED VIEWS

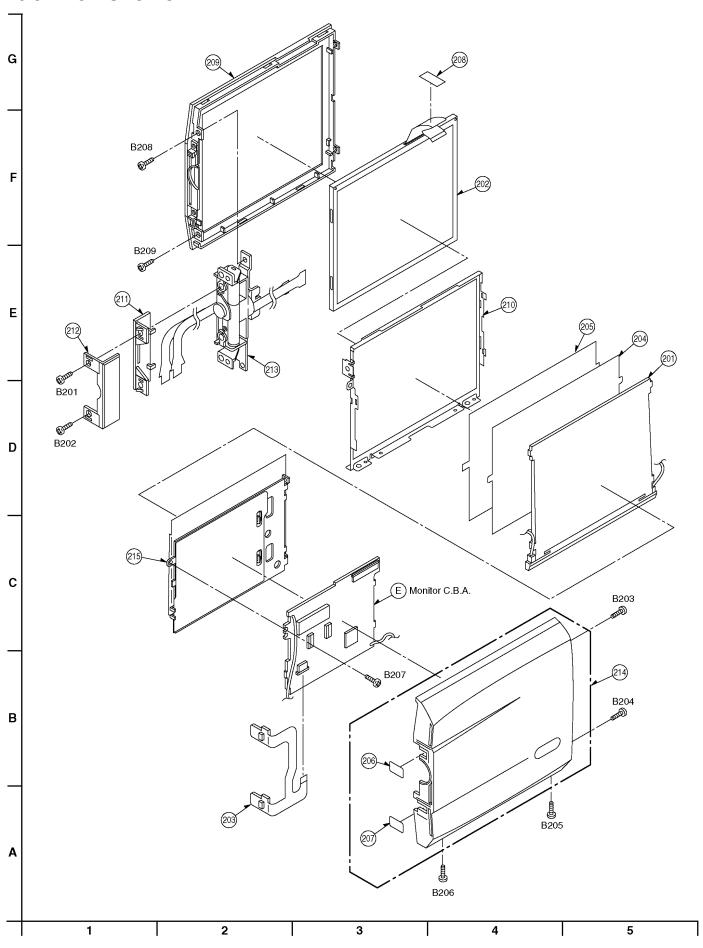
10.1. FRAME & CASING SECTION (1)



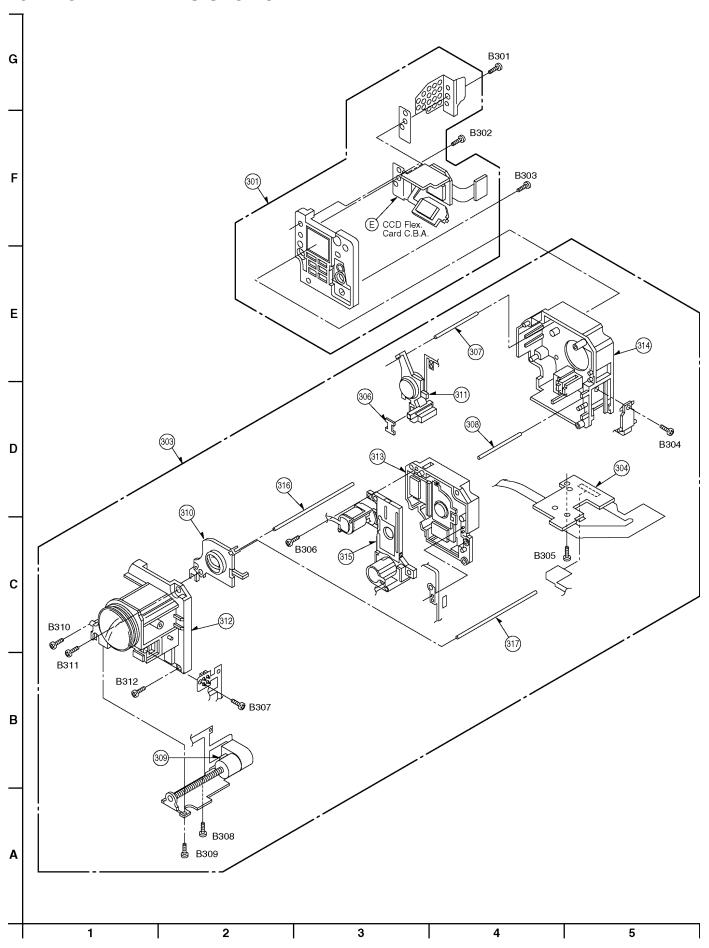
10.2. FRAME & CASING SECTION (2)



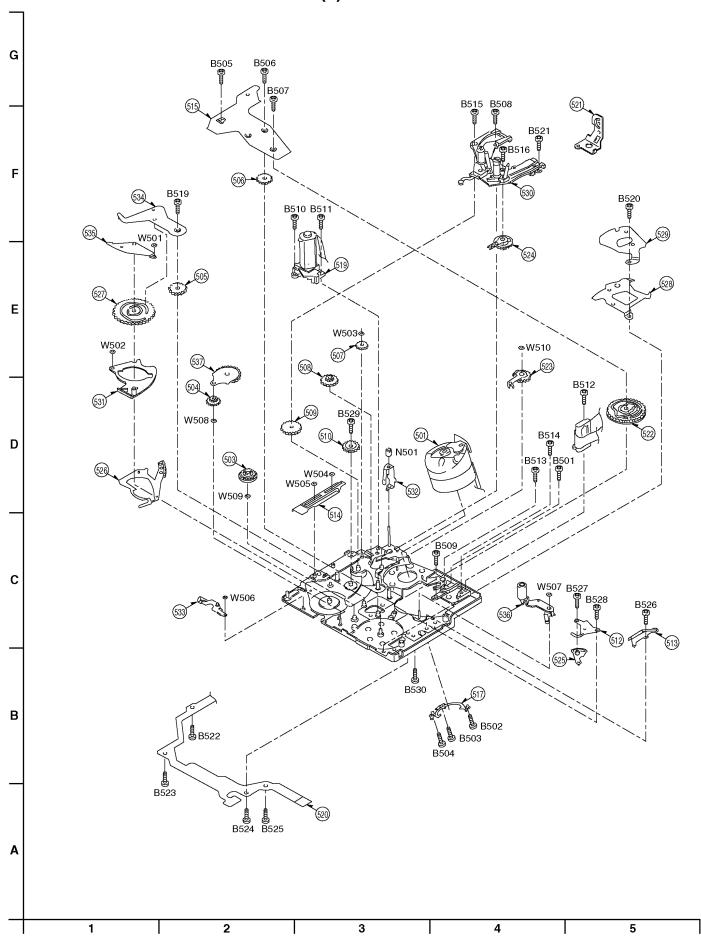
10.3. LCD SECTION



10.4. CAMERA LENS SECTION

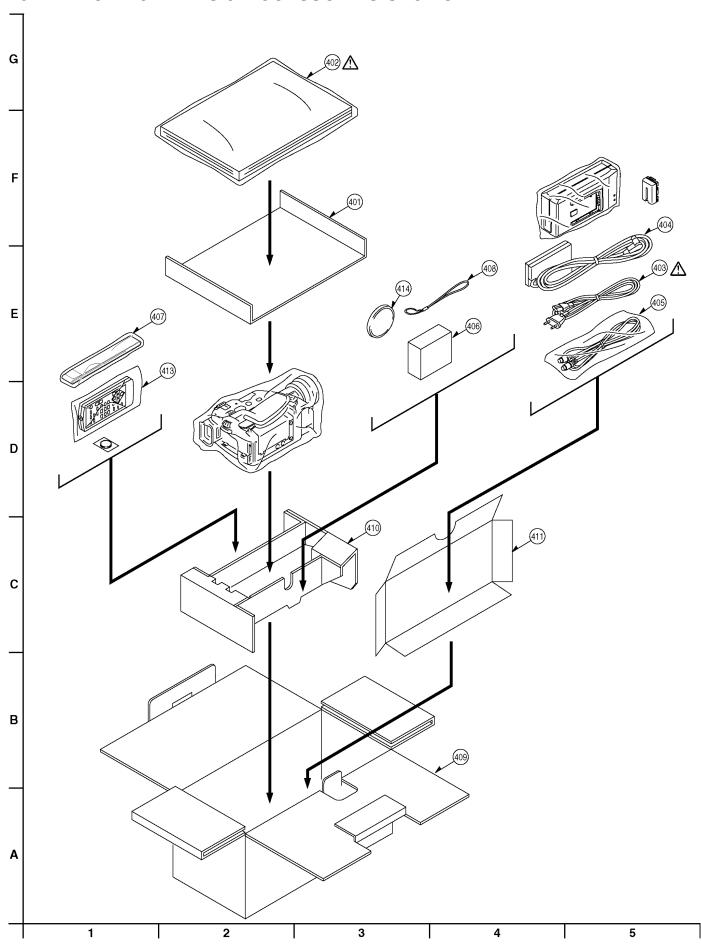


10.5. VCR MECHANISM SECTION (1)



10.6. VCR MECHANISM SECTION (2) G B552 B551 B559 Ε **©** B555 B558 B560 D С В

10.7. PACKING PARTS & ACCESSORIES SECTION



11 REPLACEMENT PARTS LIST

11.1. FRAME & CASING SECTION (1) PARTS LIST

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
					B32	XQN16+B8FN	SCREW	1	
	VYF2744	LENS PROTECTOR ASS'Y	1		B33-35	XQN16+BF3FN	SCREW	3	
3	N9ZZ00000120	SIDE CASE (L) (1) ASS'Y	1		B36-41	XQN16+BJ3FN	SCREW	6	
4	VGQ5984 VMP6557	MAIN FRAME BARRIER GRIP BELT ANGLE	1		B42-47 B48-53	XQN16+BJ4FZ XQN16+BJ5	SCREW SCREW	6	
5	VYK9899	CASSETTE COVER ASS'Y	1		B54,55	XQN16+BJ6FZ	SCREW	2	
6	VXA6637	OUT HOLDER ASS'Y	1		B56	XQN2+B2FZ	SCREW	1	
7	VYK9597	BOTTOM COVER ASS'Y	1		B57,58	XQS16+A2	SCREW	2	
8	VYK9845	BOTTOM FRAME ASS'Y	1						
9	VYQ2109	MAIN FRAME (1) ASS'Y	1		W1	XUC2FP	E-RING	1	
	VEK9237	S JACK FLEX. ASS'Y	1						
11	VWJ1450	MIC JACK - AV FLEX.	1						
12	VWJ1451	AV - DV FLEX.	1		-				
13	VWJ1454 VWJ1452	AV - CAMERA FLEX.	1						
14 15	VVQ2142	DV - MAIN FLEX. JACK FRAME (1) ASS'Y	1		-	-			
16	VDL0397	IR CUT FILTER	1						
17	VGQ3306	IR PLATE SPACER R	1						
18	VGQ4592	AWT HOLDER	1						
	VWJ1449	FRONT FLEX.	1						
20	VGL0912	TALLY PANE LIGHT	1						
21	VGQ6014	DUMPER PRESSER PIECE	1						
22	VKM5750	MIC TOP CASE	1						
23	VKW2842	IR SENSOR WINDOE	1					1	
24	VMC1666	FRONT EARTH ANGLE	1					1	
25	VMP6570	MIC JACK ANGLE	1					+	
26 27	VMZ3139 VXP2151	MIC FLEX. BARRIER MF ASS'Y	1		<u> </u>			+	
28	VXP2151 VYK0C31	FRONT CASE (1) ASS'Y	1		-			+	
29	VYK0C32	FRONT COVER ASS'Y	1					1	
30	VYQ2120	MIC NET ASS'Y	1						
31	VYQ2212	MECHA. FRAME ASS'Y	1						
32	VMD3345	TRIPOD FRAME	1						
33	VYQ2284	LENS HOOD ASS'Y	1						
34	N9ZZ00000026	ZOOM ASS'Y	1						
35	N9ZZ00000072	S/S POWER FLEX.	1						
36	VEK8778	DEW SENSOR ASS'Y	1						
	VGL0873	PANE LIGHT	3						
40	VGL0898 VGQ5665	PANE LIGHT (SD) PHOTO BUTTON GUIDE	1					+	
42	VGQ5605 VGQ5814	MODE SELECT KNOB	1					1	
43	VGQ5815	L COVER	1						
44	VGQ5851	GRIP BELT PIECE	1						
45	VGQ5886	BATTERY COVER PIECE	1						
46	VGU8416	PHOTO BUTTON	1						
47	VGU8420	RESET BUTTON	1						
48	VGU8422	S/S BUTTON	1						
49	VGU8568	MODE SELECT KNOB HOLDER	1					-	
50	VYQ1857	POWER BUTTON	1		-				
52	VSB0407	BATTERY	1						
53 55	VKF3272 VMP6433	MECHA. ADJ. PIECE (SMALL) DEW SENSOR ANGLE	1					+	
56	VYC0833	GRIP BELT	1					+	
57	VXY1626	MECHA ASS'Y	1					1	
	VXA6768	SDC HOLDER	1					1	
60	VGQ6180	CUSHION	1					L	
61	VGQ5170	TAPE	1						
62	VGQ6302	PROTECT SHEET	1						
63	VGQ6159	ALUMINUM FOIL	1					1	
64	VGQ6165	BARRIER	1					1	
65	VEK9239	MIC ASS'Y	1		<u> </u>			1	
			-		-			1	
			1		-			1	
B1-B3	VHD1133	SCREW	3					+	
B1-B3	VHD1353	SCREW	1					T	
	VHD1365	SCREW	1					1	
	VHD1376	SCREW	2						
B8,B9	VHD1384	SCREW	2						
B10-13	XQN14+B12	SCREW	4						
B14,15	XQS16+A2	SCREW	2						
B16,17	XQN16+B2FN	SCREW	2					1	
B18-20	XQN16+B3FN	SCREW	3					1	
B21-23	XQN16+B4FN	SCREW	3					1	
B24-31	XQN16+B4FZ	SCREW	8		<u> </u>			+	
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11.2. FRAME & CASING SECTION (2) PARTS LIST

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
101		EVR COVER	1						
102		SHOE COVER	1						
103	VSC5177	LENS RADIATION PLATE	1						
104 105		BATTERY CATCHER POWER BUS FLEX.	1						
106		BATTERY LOCK BUTTON	1						
107		REAR CASE	1						
108	VMB3210	BATTERY LOCK SPRING	1						
109	VXA7219	SHOE TERMINAL SOCKET	1						
110		EVF LENS	1						
111		EVF FLEX. BARRIER	1						
112	VGQ5832	LENS HOLDER	1						
113 114		TAPE EVF CASE (UPPER)	1						
115		EVF CASE (LOWER)	1						
116		EVF SLIDE ASS'Y	1						
117		EVF ADJ. ASS'Y	1						
118	VMG1347	EYE CAP	1						
119	VKM5500	TOP PIECE	1						
120		EVF LCD PANEL	1					-	
121		EVF REFLECTOR	1						
122		EVF-B FLEX. ASS'Y	1					-	
123 124		REFLECTOR CUSHION EVF PROTECT COVER	1						
124	VGQ5833 VGQ5834	LCD MASK	1						1
126		PROTECT COVER SHEET	1						
127	VKM5590	LCD HOLD PIECE	1						
128		EVF FLEX.	1						
129	VEK9205	VTR OPERATION FLEX. ASS'Y	1						
130		VTR BUTTON	1						
131		TAPE	1						
132		POP UP PIECE	1						
133		CCD BARRIER	1						
134 135		POP UP SPRING R FIXING PLATE							
136		CAMERA RADIATION PLATE	1						
137	VXU1595	LCD LOCK BUTTON (1) ASS'Y	1						
138		SPEAKER ASS'Y	1						
139	VGQ5908	SPEAKER SHEET	1						
140		R TOP PIECE	1						
141		MULTI/TITLE BUTTON	1						
142		SPEAKER HOLD ANGLE	1						
143 144		SIDE CASE (R) (2) ASS'Y CAMERA OPERATION ASS'Y	1						
145		MECHA. DUMPER RUBBER	1						
146	VMP6566	HINGE REINFORCEMENT PLATE	1						
147	VYK0C42	LCD HINGE HOLDER	1						
148		TAPE	1						
B101		SCREW	1					-	
B102,03 B104		SCREW SCREW	1					-	
B104 B105,06		SCREW	2						1
B105,00		SCREW	1						
B108		SCREW	1						
B109		SCREW	1						
B110,11		SCREW	2						
B112-16		SCREW	5						
B117-19		SCREW	3						
B120-28		SCREW	9					-	
B129-31		SCREW	3						
B132-37 B138		SCREW SCREW	6 1						
B138 B139,40		SCREW	2						
B139,40 B141,42		SCREW	2						
B143-145		SCREW	3						
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11.3. LCD SECTION PARTS LIST

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
		D. A. O. / J. I. O. O. J.							
201 202		BACK LIGHT ASS'Y MONITOR LCD PANEL	1						
202		HALL SENSOR FLEX.	1						
204		DIFFUSION SHEET	1						
205		POLARIZATION SHEET	1						
206,07		PROTECT SHEET	2						
208		LCD PROTECT SHEET	1						
209		LCD CASE (LOWER)	1						
210		LCD FRAME	1						
211 212		HINGE COVER (LOWER) HINGE COVER (UPPER)	1						
213		LCD HINGE (1) ASS'Y	1						
214		LCD CASE (UPPER) ASS'Y	1						
215		FIXING PLATE	1						
		SCREW	2						
B203-07 B208,09		SCREW SCREW	5		-				
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11.4. CAMERA LENS SECTION PARTS LIST

Total Part Part		1	T				1		1	T
303 VXW0494 LENS ASSY 1	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
303 VXW0494 LENS ASSY 1	204	10/00000	DDIOM ACOIV	_						
304 VEK9116 LENS FLEX. ASS'Y 1 1 306 VMA9961 SIDE YOKE 1 1 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5										
306			LENS FLEX ASS'Y							
307,08										
310			FOCUS GUIDE POLE	2						
311	309	VMX3055	ZM TERMINAL BASE	1						
312 VXQ0974 MAIN FRAME ASSY 1 313 VXQ0975 OIS ASSY 1 314 VXQ0977 MASTER FLANGE 1 315 L9ZZ0000171 IRIS ASSY 1 316,17 VMS6837 Z GUIDE POLE 2 B301-09 XQN16+CJ5 SCREW 9										
313 VXQ0975 OIS ASS'Y 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1										
314										
315 L9ZZ0000171 IRIS ASS'Y 1 316,17 VMS6837 Z GUIDE POLE 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5										
316,17 VMS6837 Z GUIDE POLE 2 B301-09 XQN16+CJ5 SCREW 9										
B301-09 XQN16+CJ5 SCREW 9										
	-									
B10-12 NONISICAR SCREW 5										
	B310-12	XQN16+CJ8	SCREW	3						
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11.5. VCR MECHANISM SECTION (1) PARTS LIST

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
	\u00e4===	0.4 1/1050 1:	<u> </u>					Ш	
501		CYLINDER U	1					Щ	
503 504		DRIVE GEAR CENTER GEAR	1					₩	
505		INTERFACE GEAR (C)	1					H	
506		INTERFACE GEAR (D)	1					H	
507		DECELERATION GEAR (A)	1						
508	VDG1331	DECELERATION GEAR (B)	1						
509	VDG1297	INTERFACE GEAR (A)	1						
510		INTERFACE GEAR (B)	1					Ш	
512		PULLEY COVER	1						
513		T4 GUIDE	1					₩	
514 515		TENSION PLATE GEAR COVER	1					H	
517		CYLINDER SPRING	1					H	
519	VEM0679	LOADING MOTOR ASS'Y	1						
520	VWJ1297	MECHANISM INTERFACE FLEX.	1						
521	VMP6271	RT FLEX. FRAME	1						
522		MODE SWITCH	1						
523		S LOAD GEAR ASS'Y	1					Ш	
524		T LOAD GEAR ASS'Y	1					1	
525		PULLEY CHASSIS RADON ASS'Y	1					H	
526 527	VXA6134 VXA6135	CAM GEAR ASS'Y	1					\vdash	
528		PINCH BEETLE	1					H	
529		RELEASE BEETLE	1					\vdash	
530		RAIL ASS'Y	1						
531	VXA6169	BOAT RADON ASS'Y	1						
532		S3 BASE ASS'Y	1						
533		EJECT LEVER ASS'Y	1						
534	VXL2815	TENSION LEVER ASS'Y	1					Ш	
535		EJECT ARM ASS'Y	1						
536 537	VXL2897 VXL2818	PINCH ARM ASS'Y IDLER ASS'Y	1					₩	
537	VAL2818	IDLEH ASS Y	H					\vdash	
			H					H	
			H					H	
B501	VHD1155	SCREW	1						
B502-04	VHD1372	SCREW	3						
B505-09	VHD1160	SCREW	5						
B510-14		SCREW	5						
B515,16		SCREW	2						
B519,20		SCREW	2					Щ	
B521-26 B527,28		SCREW SCREW	6					H	
B527,26 B529		SCREW	1					H	
B530		SCREW	1					\vdash	
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N501	VHN0324	NUT	1						
W501-07		WASHER	7						
W508		WASHER	1					Ш	
W509		WASHER	1					Ш	
W510	VMX2392	CUT WASHER	1		-			⊢	
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11.6. VCR MECHANISM SECTION (2) PARTS LIST

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Ref.No.	Part No.	Part Name & Description	rcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
551	VMD2975	LED HOLDER	1						
552	VXA6537	SUB CHASSIS ASS'Y	1						
553		COVER PLATE ASS'Y	1						
554	VXA6151	CASSETTE UP ASS'Y	1						
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B551-54	VHD1162	SCREW	4						
B555		SCREW	1					l	
B556,57	VHD1164	SCREW	2						
B558		SCREW	1					l	
B559,560		SCREW	2					l	
D339,300	VIID1314	SOTIL							
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11.7. PACKING PARTS & ACCESSORIES SECTION PARTS LIST

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
401	VQT9420	SPACER PAD	1						
<u> </u>		OPERATING INSTRUCTIONS	1						
<u> </u>		AC CODE	1						
404		DC CABLE	1						
405		AV CABLE	1						
406	VYQ2281	ND FILTER	1						
407	VFC3506	SHOULDER BELT	1						
408	VGQ2750	FOOD STRAP	1						
409	VPG0L74 VPN5515	PACKING CASE	1						
410		CUSHION ACCESSORY PAD	1						
411	VPN5560		-						
413	VYP8007	REMOTE CONTROLLER HOOD CAP	1						
414	V 1P8007	HOOD CAP	_ '						
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11.8. ELECTRICAL REPLACEMENT PARTS LIST

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	
= E1	VEDOSEGOD	MAIN C B A	-	(DTL)	C1027-29	ECJ1VB0J105K	C.CAPACITOR CH 35V 1M	3	3
■ E1	VEP03F82B	MAIN C.B.A.	1	(RTL)	C1031 C1032	ECJ0EB1A104K F1J1A335A005	C.CAPACITOR CH 10V 0.1U C.CAPACITOR CH 10V 3.3U	1	
■ E2	VEP23525A	CAMERA C.B.A.	1	(RTL)	C1033	F1G1E392A056	C.CAPACITOR CH 25V 3900P	1	
				,	C1035	ECST0JY106Z	T.CAPACITOR CH6.3V 10U	1	
■ E3	VEK9239	MIC ASS'Y	1	(RTL)	C1036,37	ECJ1VB0J105K	C.CAPACITOR CH 35V 1M	2	2
					C1038	ECST0JY106Z	T.CAPACITOR CH6.3V 10U	1	
■ E4	VEP04767A	MIC JACK C.B.A.	1	(RTL)	C1041	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1	
					C1042	F1J1A335A005	C.CAPACITOR CH 10V 3.3U	1	
■ E5	VEP22305B	FRONT C.B.A.	1	(RTL)	C1043	ECJ0EB1E331K	C.CAPACITOR CH 25V 330P	1	
	VED004404	AV JAOK O D A	L.	(DTI)	C1044	F1G1C223A004	C.CAPACITOR CH 16V 0.022U	1	
■ E6	VEP09119A	AV JACK C.B.A.	1	(RTL)	C1045	F3E0J106A005	T.CAPACITOR CH6.3V 10U	1	
■ E7	VEP27213B	DV JACK C.B.A.	1	(RTL)	C1052 C1053	ECJ3YB1E105K ECJ0EB1E222K	T.CAPACITOR CH 25V 1M C.CAPACITOR CH 25V 2200P		
- L/	VLI 27213B	DV SACK C.B.A.	⊨ ˈ	(IIIL)	C1053	F1G1C223A004	C.CAPACITOR CH 16V 0.022U	1	
■ E8	VEP26251A	MONITOR C.B.A.	1	(RTL)	C1055	ECJ3YB1E105K	T.CAPACITOR CH 25V 1M	1	
			1	,	C1056,57	F1J1C105A091	C.CAPACITOR CH 16V 1U	2	2
■ E9	VEP000P0A	SD FLEX CARD C.B.A.	1	(RTL)	C1063,64	F1J1A335A005	C.CAPACITOR CH 10V 3.3U	2	
					C1085	ECJ3YB1E105K	T.CAPACITOR CH 25V 1M	1	
■ E10	VEP28278A	EVF-A C.B.A.	1	(RTL)	C1095	F3H0J1070005	T.CAPACITOR CH6.3V 100U	1	
					C1096	F3F0J226A007	T.CAPACITOR CH6.3V 22U	1	
■ E11	VEP22306	CCD FLEX CARD C.B.A.	-1	(RTL)	C1097	ECJ1VB0J105K	C.CAPACITOR CH 35V 1M	1	
					C1101	ECJ0EC1H101J	C.CAPACITOR CH 50V 100P	1	
					C1102	F1H1A334A028	C.CAPACITOR CH 10V 0.33U	1	
			<u> </u>		C1103	ECJ0EB1A473K	C.CAPACITOR CH 10V 0.047U	1	
			<u> </u>		C1104	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1	
			1		C1105	F1H1A105A029	C.CAPACITOR CH 10V 1M	1	
			H		C1106	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1	
			-		C1107,08	F1H1A105A029	C.CAPACITOR CH 10V 1M	2	2
	-		-		C1111 C1112	ECJ1VB1C333K ECJ0EB1E471K	C.CAPACITOR CH 50V 0.033U C.CAPACITOR CH 25V 470P		
					C1112		C.CAPACITOR CH 25V 470P	1	
			-		C1114	ECJ0EC1H390J	C.CAPACITOR CH 50V 39P	1	
			-		C1121	ECJ1VB1H682K	C.CAPACITOR CH 50V 6800P	1	
					C1122	ECJ0EB1C682K	C.CAPACITOR CH 16V 6800P	1	
			1		C1123	ECJ0EC1H151J	C.CAPACITOR CH 50V 150P	1	
					C1124	ECJ0EC1H390J	C.CAPACITOR CH 50V 39P	1	
■ E1	VEP03F82B	MAIN C.B.A.	1	(RTL)	C1125	ECJ1VB0J105K	C.CAPACITOR CH 35V 1M	1	
					C1127	ECJ1VB0J105K	C.CAPACITOR CH 35V 1M	1	
					C1129	ECJ1VB0J105K	C.CAPACITOR CH 35V 1M	1	
C600	ECJ1VB0J105K	C.CAPACITOR CH 35V 1M	1		C1131	ECJ1VB1E223K	C.CAPACITOR CH 25V 0.022U	1	
C601	F1G1C333A004	C.CAPACITOR CH 16V 0.033U	1		C1132	ECJ0EB1E471K	C.CAPACITOR CH 25V 470P	1	
C602	ECJ3YB1C225K	C.CAPACITOR CH 16V 2.2M	1		C1133	ECJ0EC1H151J	C.CAPACITOR CH 50V 150P	1	
C603-05	F1J1A225A003	C.CAPACITOR CH 10V 2.2M	3		C1134	ECJ0EC1H390J	C.CAPACITOR CH 50V 39P	1	
C606	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1		C1141	ECJ1ZB1C104K	C.CAPACITOR CH 16V 0.1U		
C607	ECJ1VB0J105K	C.CAPACITOR CH 35V 1M	3		C1142	ECJ1VC1H471J ECJ0EC1H151J	C.CAPACITOR CH 50V 470P C.CAPACITOR CH 50V 150P	1	
C608-10 C612	ECJ1ZB1C104K ECJ0EB1A104K	C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 10V 0.1U	1		C1143 C1144	ECJ0EC1H191J	C.CAPACITOR CH 50V 150P C.CAPACITOR CH 50V 39P	1	
C613	!	T.CAPACITOR CH 4V 47U	1		C1150		C.CAPACITOR CH 10V 1U	1	
C614	!	C.CAPACITOR CH 10V 0.1U	1		C1151		C.CAPACITOR CH 50V 8200P	1	
C615	F3F0J226A007	T.CAPACITOR CH6.3V 22U	1		C1152		C.CAPACITOR CH 16V 8200P	1	
C616		C.CAPACITOR CH6.3V 2.2U	1		C1153		C.CAPACITOR CH 50V 150P	1	i
C617-19		C.CAPACITOR CH 50V 56P	3		C1154	ECJ0EC1H820J		1	
C620	ECJ0EB1E152K	C.CAPACITOR CH 25V 1500P	1		C1155	F1J1A225A003	C.CAPACITOR CH 10V 2.2M	1	
C621	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1		C1156	EEJK0JS106	E.CAPACITOR 6.3V 10M	1	
C622	F1J0J475A006	C.CAPACITOR CH6.3V 1U	1		C2001	F1J0J475A006	C.CAPACITOR CH6.3V 1U	1	
C625,26	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	2		C2002-05	ECJ0WB1C103K		4	1
C627	ECJ1ZB1C104K	C.CAPACITOR CH 16V 0.1U	1		C2006	ECJ0EC1H060C		1	
C665	F1J1C105A091	C.CAPACITOR CH 16V 1U	1		C2008	F1J0J475A006	C.CAPACITOR CH6.3V 1U	1	
C666	ECJ3YB1C225K	C.CAPACITOR CH 16V 2.2M	1		C2010,11		C.CAPACITOR CH 16V 0.01U	2	
C671,72	F1J0J475A006	C.CAPACITOR CH 16V 10U	2		C2012		C.CAPACITOR CH 10V 0.047U	1	
C1001 C1003		C.CAPACITOR CH 16V 10U C.CAPACITOR CH 16V 10U	1		C2013 C2014,15	F1G1H100A448	C.CAPACITOR CH 16V 0.01U C.CAPACITOR CH 50V 10P	2	
C1003	F1J1A335A005	C.CAPACITOR CH 16V 10U C.CAPACITOR CH 10V 3.3U	1		C2014,15 C2016	ECJ1VB0J105K	C.CAPACITOR CH 50V 10P	1	
C1003	ECJ0EB1A104K		1		C2016	F3E0J106A005	T.CAPACITOR CH6.3V 10U	1	
C1012	F1J1A335A005	C.CAPACITOR CH 10V 3.3U	1		C2018,19		C.CAPACITOR CH 10V 0.1U	2	2
C1013	1	C.CAPACITOR CH 25V 330P	1		C2021	F1J0J475A006	C.CAPACITOR CH6.3V 1U	1	
C1014		C.CAPACITOR CH 10V 0.047U	1		C2022,23		C.CAPACITOR CH 16V 0.01U	2	2
C1016	F1H1A105A029	C.CAPACITOR CH 10V 1M	1		C2024	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1	
C1018	F1H1A105A029	C.CAPACITOR CH 10V 1M	1		C2025	ECJ0EC1H390J	C.CAPACITOR CH 50V 39P	1	
C1021	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1		C2026	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	_ 1	
C1022	F1J1A335A005	C.CAPACITOR CH 10V 3.3U	1		C2027	ECJ0EC1H150J	C.CAPACITOR CH 50V 15P	1	
C1023	ECJ0EB1E331K	C.CAPACITOR CH 25V 330P	1		C2028,29	ECJ0EB1E222K	C.CAPACITOR CH 25V 2200P	2	2
C1024	F1G1C223A004	C.CAPACITOR CH 16V 0.022U	1		C2030	F3E0J106A005	T.CAPACITOR CH6.3V 10U	1	
C1025	ECST0JY106Z	T.CAPACITOR CH6.3V 10U	1		C2031	ECJ0WB1C103K	C.CAPACITOR CH 16V 0.01U	1	<u> </u>
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Colorest Colorest	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
CAMPATININE CAMPATION OF SERVING	C2036	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1		C3340	F1J0J475A006	C.CAPACITOR CH6.3V 1U	1	
Control Properties Computation of the set 1	C2038	ECJ0WB1C103K	C.CAPACITOR CH 16V 0.01U	1		C3401	F1J0J475A006	C.CAPACITOR CH6.3V 1U	1	
County C	C2039	ECJ0EB1E102K	C.CAPACITOR CH 25V 1000P	1		C3403	F3E0J106A005	T.CAPACITOR CH6.3V 10U	1	
Design Policy P	C2040	ECJ0EC1H050C	C.CAPACITOR CH 50V 5P	1		C3406	ECJ0WB1C103K	C.CAPACITOR CH 16V 0.01U	1	
CAMPATICATION CAMPATION OF 19 YOU 1	C2041,42	ECJ0WB1C103K	C.CAPACITOR CH 16V 0.01U	2		C3407	F1J0J475A006	C.CAPACITOR CH6.3V 1U	1	
COMMENT CORRECT CORPORTING DE 1995 1	C2043	F1J0J475A006	C.CAPACITOR CH6.3V 1U	1		C3408	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1	
Care Principation Capacitropic (Capacitropic New 2011) 1	C2044	ECJ0WB1C103K	C.CAPACITOR CH 16V 0.01U	1		C3409,10	ECJ0WB1C103K	C.CAPACITOR CH 16V 0.01U	2	
CASH CASH	C2046	ECJ0WB1C103K	C.CAPACITOR CH 16V 0.01U	1		C3411	ECJ0EB1E102K	C.CAPACITOR CH 25V 1000P	1	
CASES CASE	C2047	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1		C3412	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1	
DEMONSTRATION DEMONSTRATE	C2048	F1H0J105A003	C.CAPACITOR CH6.3V 5M	1		C3413	ECJ0WB1C103K	C.CAPACITOR CH 16V 0.01U	1	
Control Cont	C2050,51	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	2		C3415	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1	
EXAMPLES CAMPATION 6.39 18	C2052	ECJ0WB1C103K	C.CAPACITOR CH 16V 0.01U	1		C3416,17	F1G1H100A448	C.CAPACITOR CH 50V 10P	2	
COUNTY C	C2201,02	ECJ1VB0J105K	C.CAPACITOR CH 35V 1M	2		C3418	ECJ0EC1H220J	C.CAPACITOR CH 50V 22P	1	
COMMISSION COMPATION OF 199 / NU 0 COMPATION OF 199 / NU 0 COMPATION OF 199 / NU 1 COMPATION OF 19	C2203	EEJK0JS106	E.CAPACITOR 6.3V 10M	1		C3420	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1	
Commonweight Comm	C2204	ECJ1VB0J105K	C.CAPACITOR CH 35V 1M	1		C3421	ECJ0WB1C103K	C.CAPACITOR CH 16V 0.01U	1	
COMMON C	C2205-07	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	3		C3422,23	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	2	
CLYMPATIONS CLYMPATTON CHI WILLIAM	C2211,12	ECJ1VB0J105K	C.CAPACITOR CH 35V 1M	2		C3424	ECJ0WB1C103K	C.CAPACITOR CH 16V 0.01U	1	
CLYMPATIONS CLYMPATTON CHI WILLIAM	C2213	ECJ0WB1C103K	C.CAPACITOR CH 16V 0.01U	1		C3425	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1	
CAMPA CAMP		ļ		1					1	
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CORPORATION COMPACTOR CHISW 1 10 1 1 1 1 1 1 1 1				1					1	
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COUNTY C		+		_		-			H	
C2223 C.J. CAPACITOR CHE 97 10 1				-					<u> </u>	
C2319.1 CALIFORNIO CAPACITORIC CHISTON M		+		-					+ :	
COMPATIBLE CAPACITION CAPACITOR CH 197 0 0 1				 					+ 1	
COSSEST COMPACTION CHAPTION CHAPT		ļ		-					-	
FILAMPSANDER CAPACITOR CHEW Y U 1 C39818 CAPACITOR CHEW Y U 2 C39818 CAPACITOR CHEW Y U 3 C39818 CAPACITOR CHEW Y U 4 C39818 CAPACITOR CHEW Y U 5 C39818 CAPACITOR CHEW Y U 6 C39818 CAPACITOR CHEW Y U 7 C39818				-					+ 1	
SPECIAL PRINCE CAPACITOR CH 49 / 97				1					2	
CORRECTION CAPACITOR CH 597 V3P 1				1					2	
Cases Filaday-Fabora C.CAPACTITIO CH-107 U-047				1					1	
COMPRIGNED CLORESTATOR CHEW DUTY 1 CREATING CHEW CORD 1 CREATING CHEW CORD 2 CREATING CHEW CORD 2 CREATING CHEW CHEW CORD 2 CREATING CHEW CHEW CHEW CHEW CHEW CHEW CHEW CHEW				1					2	
CONTROL CAPACITOR CHEW ONLY 1				1					1	
C3936 EQUIPMENCHANGE CAPACITOR CHEW 001U 1		†		8					_	
C3396	C3026	ECJ0WB1C103K	C.CAPACITOR CH 16V 0.01U	1		C3530,31	F1J0J475A006	C.CAPACITOR CH6.3V 1U	2	
C30037 FINDIOSA003 CCAPACITOR CH 59V 33P 1				1		C3534,35			2	
C3961.82 C3961.028 CCAPACITOR CHEAV MM 1 C3961.02 C39701 C39702 C397	C3035	F1H0J105A003	C.CAPACITOR CH6.3V 5M	1		C3536-41	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	6	
C3701 SHAUTOTOROS CAPACITOR CHESV 100P 2 C3701 SHAUTOTOROS CAPACITOR CHESV 100	C3036	ECJ0EC1H330J	C.CAPACITOR CH 50V 33P	1		C3544	ECJ0EB1A473K	C.CAPACITOR CH 10V 0.047U	1	
C3704 C-INDITIONS CAPACITOR CHESY SM S C3702 C-INDITIONS CAPACITOR CHESY 2U 1 C3703 C-INDITIONS C-INDI	C3037	F1H0J105A003	C.CAPACITOR CH6.3V 5M	1		C3561,62	ECJ0WB1C103K	C.CAPACITOR CH 16V 0.01U	2	
C3004 CAPACITOR CH 19V 0.01U 1 C3705 CAPACITOR CH 19V 0.01U 1 C3710 C	C3038,39	ECJ0EC1H101J	C.CAPACITOR CH 50V 100P	2		C3701	F3H0J1070005	T.CAPACITOR CH6.3V 100U	1	
C3044,45 ECUMBICIOSS CCAPACITOR CH 16V 0.01U 2 C3705 ECUMBICIOSS CCAPACITOR CH 16V 0.01U 1 C3706 ELUMBICIOSS CCAPACITOR CH 16V 0.01U 1 C3710 ELUMBICIOSS CCAPACITOR CH 16V 0.01U 1 C4710 ELUMBICIOSS CCAPACITOR CH 16V 0.01U 1 C4710 ELUMB	C3040-42	F1H0J105A003	C.CAPACITOR CH6.3V 5M	3		C3702	ECJ2YB0J225K	C.CAPACITOR CH6.3V 2.2U	1	
C3706 ECJ0WB1C1008 C.CAPACTTOR CH 16V 0.01U 1 C3706 ECJ2WBL02SK C.CAPACTTOR CH 16V 0.01U 1 C3706 F.IJUAJ75A006 C.CAPACTTOR CH 16V 0.01U 1 C3706 F.IJUAJ75A006 C.CAPACTTOR CH 16V 0.01U 1 C3706 E.CAPACTTOR CH 16V 0.01U 1 C3707 E.CAPACTTOR CH 16V 0.01U	C3043	ECJ0EB1A473K	C.CAPACITOR CH 10V 0.047U	1		C3703	ECJ0WB1C103K	C.CAPACITOR CH 16V 0.01U	1	
C3201-03 ECJUMBICTOSK C.CAPACITOR CH 16V 0.01U 3 C3708 F.J.QUATSA008 C.CAPACITOR CH.83V 1U 1 C3206 E.CUMBICTOSK C.CAPACITOR CH 16V 0.01U 1 C3708 F.J.QUATSA008 C.CAPACITOR CH.83V 1U 1 C3208 E.QUABCITOR CH 16V 0.01U 1 C3710 E.QUABCITOR CH.93V 10 1 C3713 F.J.QUATSA008 C.CAPACITOR CH.93V 10 1 C3714 E.QUABCIBAR C.CAPACITOR CH.93V 10 1 C3716 E.QUIVBAUTOR CH.93V 10 1	C3044,45	ECJ0WB1C103K	C.CAPACITOR CH 16V 0.01U	2		C3704	F3H0J1070005	T.CAPACITOR CH6.3V 100U	1	
C3204.05 ECJ0EC1H070C C.CAPACITOR CH 50V 7P 2 C3708 F1J0J475A006 C.CAPACITOR CH 63V 1U 1 C3710 EEJKUS108 E.CAPACITOR CH 63V 1U 1 C3710 EEJKUS108 E.CAPACITOR CH 63V 1U 1 C3710 EEJKUS108 E.CAPACITOR CH 63V 1U 1 C3716 EEJKUS108 C.CAPACITOR CH 3V 1U 1 C3716 EEJKUS108 C.CAPACITOR CH 3V 1U 1 C3716 EEJKUS108 C.CAPACITOR CH 63V 1U 1 C3716 EEJKUS108 E	C3048	ECJ0WB1C103K	C.CAPACITOR CH 16V 0.01U	1		C3705	ECJ2YB0J225K	C.CAPACITOR CH6.3V 2.2U	1	
C3206 ECJOWBIC103K C.CAPACITOR CH 16V 0.01U 1 C3710 ELJKOJS106 E.CAPACITOR CH 3V 10M 1 C3713 FLOURTSADO C.CAPACITOR CH 63V 10M 1 C3716 ECJUBDIASK C.CAPACITOR CH 10V 0.07U 1 C3716 ECJUBDIASK C.CAPACITOR CH 63V 1 U 1 C3716 ECJUBDIASK C.CAPACITOR CH 60V 0.07U 1 C3716 ECJUBDIASK C.CAPACITOR CH 60V 0.01U 1 C3719	C3201-03	ECJ0WB1C103K	C.CAPACITOR CH 16V 0.01U	3		C3706	F1J0J475A006	C.CAPACITOR CH6.3V 1U	1	
C3207 ECJ0EB1A473K C.CAPACITOR CH 10V 0.047U 1 C3713 F1J0J475A006 C.CAPACITOR CH 63V 1U 1 C3208 ESJ0CB1A73K C.CAPACITOR CH 6V 4V 1U 1 C3716 ECJ1VBJ105K C.CAPACITOR CH 63V 1M 1 C3210 F3F0Q476A009 T.CAPACITOR CH 4V 47U 1 C3716 ECJ1VBJ105K C.CAPACITOR CH 6V 0.01U 1 C3210 F3F0Q476A009 T.CAPACITOR CH 4V 47U 1 C3718 ECJ1VBJ105K C.CAPACITOR CH 6V 0.01U 4 C3719-22 ECJ0WB1C103K C.CAPACITOR CH 16V 0.01U 4 C3719-22 ECJ0WB1C103K C.CAPACITOR CH 16V 0.01U 4 C3719-22 ECJ0WB1C103K C.CAPACITOR CH 16V 0.01U 4 C3212 F1J0J475A006 C.CAPACITOR CH 6V 0.01U 1 C3214 ECJ1VBJ105K C.CAPACITOR CH 6V 0.01U 1 C3214 ECJ1VBJ105K C.CAPACITOR CH 6V 0.01U 2 C3805 F1J0J475A006 C.CAPACITOR CH 63V 1U 1 C3214 ECJ0B11476K C.CAPACITOR CH 16V 0.01U 2 C3807 F1H0J105A003 C.CAPACITOR CH 63V 1U 1 C3216 ECJ0B11476K C.CAPACITOR CH 6V 0.01U 1 C3226 ECJ0B11476K C.CAPACITOR CH 63V 5M 1 C3808 ECJ0B11476K C.CAPACITOR CH 6V 0.01U 1 C3809 ECJ0B11476K C.CAPACITOR CH 16V 0.047U 1 C3809 ECJ0B11476K C.CAPACITOR CH 10V 0.047U 1 C3809 ECJ0B11476K C.CAPACITOR CH 10V 0.047U 1 C3809 ECJ0B11476K C.CAPACITOR CH 10V 0.047U 1 C3803 F1J0J475A006 C.CAPACITOR CH 10V 0.047U 1 C4502 ECJ0B11476K C.CAPACITOR CH 10V 0.047U 1 C4503 F3E0J106A005 T.CAPACITOR CH 10V 0.1U 1 C4503 F3E0J106A005 T.CAPACITOR CH 10V 0.1U 1 C4503 F3E0J106A005 T.CAPACITOR CH 10V 0.1U 1 C4504 F1J0J475A006 C.CAPACITOR CH 10V 0.1U 1 C4504 F1J0J475A006 C.CAPACITOR CH 10V 0.1U 1 C4508 F1J0J475A006 C.C	C3204,05	ECJ0EC1H070C	C.CAPACITOR CH 50V 7P	2		C3708	F1J0J475A006	C.CAPACITOR CH6.3V 1U	1	
C3208 F3F0G476A009 T.CAPACITOR CH 4V 47U 1 C3718 ECJIVBDJ10SK C.CAPACITOR CH 35V 1M 1 C3719 ECJIVBDJ10SK C.CAPACITOR CH 50V 0.0TU 1 C3719 ECJIVBDJ10SK C.CAPACITOR CH 16V 0.0TU 1 C3719 ECJIVBDJ10SK C.CAPACITOR CH 16V 0.0TU 1 C3803 ECJIVBDJ10SK C.CAPACITOR CH 16V 0.0TU 1 C4503 ECJIVBDJ10SK C.CAPACITOR CH 16V 0.0TU 1 C4504 ECJIVBDJ10SK C.CAPACITOR CH 16V 0.0TU 1 C4505 ECJIVBDJ10SK C.CAPACITOR CH 16V 0.0TU 1 C4506 F1JUJJ75A006 C.CAPACITOR CH 16V 0.0TU 1 C4508 F1JUJJ75A006 C.CAPACITOR CH 16V 0.0TU 1	C3206	ECJ0WB1C103K	C.CAPACITOR CH 16V 0.01U	1		C3710	EEJK0JS106	E.CAPACITOR 6.3V 10M	1	
C3209 ECJ0EB1A473K C.CAPACITOR CH 10V 0.047U 1 C3719.2 ECJ0EB1A73K C.CAPACITOR CH 50V 0.01U 4	C3207	ECJ0EB1A473K	C.CAPACITOR CH 10V 0.047U	1		C3713	F1J0J475A006	C.CAPACITOR CH6.3V 1U	1	
C3210 F3F0G476A000 T.CAPACITOR CH 4V 47U 1 C3801 F1JUJA75A006 C.CAPACITOR CH 10V 0.047U 1 C3801 F1JUJA75A006 C.CAPACITOR CH 10V 0.047U 1 C3801 F1JUJA75A006 C.CAPACITOR CH 3V 1U 1 C3805 F1JUJA75A006 C.CAPACITOR CH 3V 5 M 1 C3805 F1JUJA75A006 C.CAPACITOR CH 3V 5 M 1 C3806 F1JUJA75A006 C.CAPACITOR CH 63V 1U 1 C3806 F1JUJA75A006 C.CAPACITOR CH 63V 5 M 1 C3807 F1HUJ105A003 C.CAPACITOR CH 63V 5 M 1 C3808 ECJ0EB1A473K C.CAPACITOR CH 63V 5 M 1 C3809 ECJ0EB1A473K C.CAPACITOR CH 63V 5 M 1 C3809 ECJ0EB1A473K C.CAPACITOR CH 10V 0.047U 1 C3809 ECJ0EB1A473K C.CAPACITOR CH 10V 0.047U 1 C4802 ECJ0EB1A104K C.CAPACITOR CH 10V 0.1U 1 C4803 F3EU106A005 C.CAPACITOR CH 10V 0.1U 1 C4803 F3EU106A005 C.CAPACITOR CH 10V 0.1U 1 C4804 F1JUJA75A006 C.CAPACITOR CH 63V 1U 1 C4806 F1JUJA75A006 C.	C3208	F3F0G476A009	T.CAPACITOR CH 4V 47U	1		C3716	ECJ1VB0J105K	C.CAPACITOR CH 35V 1M	1	
C3211 ECJ0EB1A473K C.CAPACITOR CH 10V 0.047U 1 C3801 F1J0J475A006 C.CAPACITOR CH6.3V 1U 1 C3214 ECJUEB1A104K C.CAPACITOR CH 3SV 1M 1 C3805 F1J0J475A006 C.CAPACITOR CH 4V 22U 1 C3216,17 ECJ0EB1A104K C.CAPACITOR CH 10V 0.1U 2 C3807 F1H0J105A003 C.CAPACITOR CH6.3V 5M 1 C3218 ECJ0EB1A473K C.CAPACITOR CH 10V 0.047U 1 C3808 ECJ0EB1E271K C.CAPACITOR CH 2SV 270P 1 C3809 F1J0J475A006 C.CAPACITOR CH 2SV 270P 1 C3809 ECJ0EB1A104K C.CAPACITOR CH 10V 0.047U 1 C3811 ECJ0EB1A104K C.CAPACITOR CH 10V 0.047U 1 C3811 ECJ0EB1A104K C.CAPACITOR CH 10V 0.047U 1 C3801 ECJ0EB1A104K C.CAPACITOR CH 10V 0.047U 1 C3803 ECJ0EB1A104K C.CAPACITOR CH 10V 0.01U 1 C4503 F1J0J475A006 C.CAPACITOR CH 10V 0.01U 1 C4504 F1J0J475A006 C.CAPACITOR CH 10V 0.01U 1 C4504 F1J0J475A006 C.CAPACITOR CH 10V 0.047U 1 C4504 F1J0J475A006 C.CAPACITOR CH 10V 0.047U 1 C4506 F1J0J475A006 C.CAPACITOR CH 10V 0.01U 1 C4510 F1J0J475A006 C.CAPACITOR CH 10V	C3209	ECJ0EB1A473K	C.CAPACITOR CH 10V 0.047U	1		C3718	ECJ1ZB1H103K	C.CAPACITOR CH 50V 0.01U	1	
C3212 F1J0J475A006 C.CAPACITOR CH6.3V 1U 1 C3803 ECSTOGY226 T.CAPACITOR CH 4V 22U 1 C3216.17 ECJUEB1A104K C.CAPACITOR CH 35V 1M 1 C3805 F1J0J475A006 C.CAPACITOR CH6.3V 1U 1 C3807 F1H0J105A003 C.CAPACITOR CH6.3V 1U 1 C3808 ECJUEB1A73K C.CAPACITOR CH6.3V 5M 1 C3808 ECJUEB1A73K C.CAPACITOR CH6.3V 5M 1 C3808 ECJUEB1A73K C.CAPACITOR CH6.3V 5M 1 C3809 ECJUEB1A73K C.CAPACITOR CH10V 0.047U 1 C3809 ECJUEB1A73K C.CAPACITOR CH10V 0.047U 1 C4502 ECJUEB1A73K C.CAPACITOR CH10V 0.1U 1 C4503 F3E0J106A005 T.CAPACITOR CH10V 0.1U 1 C4503 F3E0J106A005 T.CAPACITOR CH10V 0.1U 1 C4503 F3E0J106A005 T.CAPACITOR CH6.3V 1U 1 C4503 F3E0J106A005 T.CAPACITOR CH6.3V 1U 1 C4503 F3E0J106A005 T.CAPACITOR CH6.3V 1U 1 C4504 F1J0J475A006 C.CAPACITOR CH6.3V 1U 1 C4504 F1J0J475A006 C.CAPACITOR CH6.3V 1U 1 C4508 F1J0J475A006 CAPACITOR CH6.3V 1U 1 C4508 F1J0	C3210	F3F0G476A009	T.CAPACITOR CH 4V 47U	1		C3719-22	ECJ0WB1C103K	C.CAPACITOR CH 16V 0.01U	4	
C3212 FIJOJ475A006 C.CAPACITOR CH6.3V 1U 1 C3803 ECSTOGY226 T.CAPACITOR CH 4V 22U 1 C3216.17 ECJUEB1A104K C.CAPACITOR CH 35V 1M 1 C3805 FIJOJ475A006 C.CAPACITOR CH6.3V 1U 1 C3807 FIHOJ105A003 C.CAPACITOR CH6.3V 1U 1 C3808 ECJUEB1A73K C.CAPACITOR CH6.3V 5M 1 C3808 ECJUEB1A73K C.CAPACITOR CH6.3V 5M 1 C3809 ECJUEB1A73K C.CAPACITOR CH10V 0.047U 1 C3809 ECJUEB1A73K C.CAPACITOR CH10V 0.047U 1 C4502 ECJUEB1A73K C.CAPACITOR CH10V 0.047U 1 C4502 ECJUEB1A73K C.CAPACITOR CH10V 0.047U 1 C4503 FIJOJ475A006 C.CAPACITOR CH10V 0.01U 1 C4503 FIJOJ475A006 C.CAPACITOR CH10V 0.1U 1 C4503 FIJOJ475A006 C.CAPACITOR CH10V 0.1U 1 C4503 FIJOJ475A006 C.CAPACITOR CH6.3V 1U 1 C4504 FIJOJ475A006 C.CAPACITOR CH6.3V 1U 1 C4504 FIJOJ475A006 C.CAPACITOR CH6.3V 1U 1 C4508 FIJOJ475A006 CAPACITOR CH6.3V 1U 1 C4508		1		1					1	
C3214 ECJ1VB0J105K C.CAPACITOR CH 35V 1M 1		F1J0J475A006	C.CAPACITOR CH6.3V 1U	1					1	
C3216,17	C3214	+		1		C3805			1	
C3218 ECJ0EB1A473K C.CAPACITOR CH 10V 0.047U 1 C3808 ECJ0EB1E271K C.CAPACITOR CH 25V 270P 1 C3219 F1H0J105A003 C.CAPACITOR CH6.3V 5M 1 C3809 ECJ0EB1A473K C.CAPACITOR CH 10V 0.047U 1 C3809 ECJ0EB1A104K C.CAPACITOR CH 10V 0.047U 1 C3809 ECJ0EB1A104K C.CAPACITOR CH 10V 0.01U 1 C4503 F3E0J106A005 C.CAPACITOR CH 10V 0.01U 1 C4503 F3E0J106A005 T.CAPACITOR CH 10V 0.1U 1 C4503 F3E0J106A005 T.CAPACITOR CH 10V 0.1U 1 C4503 F3E0J106A005 T.CAPACITOR CH6.3V 1U 1 C4504 F1J0J475A006 C.CAPACITOR CH6.3V 1U 1 C4506 F1J0J475A006 C.CAPACITOR CH6.3V 1U 1 C4508 F1J0J475A006 C.CAPACITOR CH6.3V 1U 1 C4508 F1J0J475A006 C.CAPACITOR CH6.3V 1U 1 C4510 F1J0J475A006 C.CAPACITOR CH6.3V 1U 1 C4513,14 ECJ1VB0J105K C.CAPACITOR CH6.3V 1U 1 C4513,14 ECJ1VB0J105K C.CAPACITOR CH6.3V 1U 1 C4516,17 ECJ1VB0J105K C.CAPACITOR CH 16V 0.01U 1 C4516,17 ECJ0EB1A104K C.CAPACITOR CH 16V 0.01U 1 C4703,04 F1J0J335A003 C.CAPACITOR CH 16V 0.01U 1 C4703,04 F1J0J335A003 C.CAPACITOR CH 16V 0.01U 1 C4703,04 F1J0J335A003 C.CAPACITOR CH 16V 0.01U 1 C4703 ECJ0WB1C103K C.CAPACITOR CH 16V 0.01U 1		+		2					1	
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C3220 F1J0J475A006 C.CAPACITOR CH6.3V 1U 1 1 1 1 1 1 1 1				1					1	
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C3303 F1J0J475A006 C.CAPACITOR CH6.3V 1U 1 1 C4503 F3E0J106A005 T.CAPACITOR CH6.3V 1U 1 C3304 ECJ0EB1A104K C.CAPACITOR CH 10V 0.1U 1 C4504 F1J0J475A006 C.CAPACITOR CH6.3V 1U 1 C4508 F1J0J475A006 C.CAPACITOR CH6.3V 1U 1 C4508 F1J0J475A006 C.CAPACITOR CH6.3V 1U 1 C4508 F1J0J475A006 C.CAPACITOR CH6.3V 1U 1 C4508 F1J0J475A006 C.CAPACITOR CH6.3V 1U 1 C4508 F1J0J475A006 C.CAPACITOR CH6.3V 1U 1 C4508 F1J0J475A006 C.CAPACITOR CH6.3V 1U 1 C4508 F1J0J475A006 C.CAPACITOR CH6.3V 1U 1 C4508 F1J0J475A006 C.CAPACITOR CH6.3V 1U 1 C4508 F1J0J475A006 C.CAPACITOR CH6.3V 1U 1 C4509 F1J0J475A006 C.CAPACITOR CH6.3V 1U 1 C4509 F1J0J475A006 C.CAPACITOR CH6.3V 1U 1 C4509 F1J0J475A006 C.CAPACITOR CH6.3V 1U 1 C4509 F1J0J475A006 C.CAPACITOR CH6.3V 1U 1 C4509 F1J0J475A006 C.CAPACITOR CH6.3V 1U 1 C4509 F1J0J475A006 C.CAPACITOR CH6.3V 1U 1 C4509 F1J0J475A006 C.CAPACITOR CH6.3V 1U 1 C4509 F1J0J475A006 C.CAPACITOR CH6.3V 1U 1 C4509 F1J0J475A006 C.CAPACITOR CH6.3V 1U 1 C4509 F1J0J475A006 C.CAPACITOR CH6.3V 1U 1 C4509 F1J0J475A006 C.CAPACITOR CH6.3V 1U 1 C4509 F1J0J475A006 C.CAPACITOR CH6.3V 1U 1 C4509 F1J0J475A006 C.CAPACITOR CH6.3V 1U 1 C4509 F1J0J475A006 C.CAPACITOR CH6.3V 1U 1 C4509 F1J0J475A006 C.CAPACITOR CH6.3V 3.3U 2 C4701,02 F3F0J26A007 T.CAPACITOR CH6.3V 3.3U 2 C4701,02 F3F0J26A007 T.CAPACITOR CH6.3V 3.3U 2 C4709 F1J0J475A006 C.CAPACITOR CH6.3V 3.3U 2 C4709 F1J0J475A006 C.CAPACITOR CH6.3V 1U 1 C4709 F1J0J475A006 C.CAPACITOR CH6.3V 1U 1 C4709 F1J0J475A006 C.CAPACITOR CH6.3V 1U 1 C4709 F1J0J475A006 C.CAPACITOR CH6.3V 1U 1 C4709 F1J0J475A006 C.CAPACITOR CH6.3V 1U 1 C4709 F1J0J475A006 C.CAPACITOR CH6.3V 1U 1 C4709 F1J0J475A006 C.CAPACITOR CH6.3V 1U 1 C4709 F1J0J475A006 C.CAPACITOR CH10V 0.01U 1 C4709 F1J0J475A006 CAPACITOR CH10V 0.01U 1 C4709 F1J0J475A006 CAPACITOR CH10V 0.0				1					1	
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C3310 ECJ0WB1C103K C.CAPACITOR CH 16V 0.01U 1 C4513,14 ECJ1VB0J105K C.CAPACITOR CH 35V 1M 2		+		_					1	
C3311 ECJ0EB1A104K C.CAPACITOR CH 10V 0.1U 1 C4515 ECJ0WB1C103K C.CAPACITOR CH 16V 0.01U 1 C4516,17 ECJ1VB0J105K C.CAPACITOR CH 16V 0.01U 1 C4516,17 ECJ1VB0J105K C.CAPACITOR CH 35V 1M 2 C4701,02 F3F0J226A007 T.CAPACITOR CH 6.3V 22U 2 C4701,02 F3F0J226A007 T.CAPACITOR CH 6.3V 3.3U 2 C4703,04 F1J0J335A003 C.CAPACITOR CH 6.3V 3.3U 2 C4703,04 F1J0J3475A006 C.CAPACITOR CH 6.3V 1U 1 C4706 F1J0J3475A005 C.CAPACITOR CH 6.3V 1U 1 C4707 ECJ0WB1C103K C.CAPACITOR CH 6.3V 1U 1 C4708 ECJ0EB1A104K C.CAPACITOR CH 16V 0.01U 1 ECJ1VB0J105K C.CAPACITOR CH 16V 0.01U 1 E				1					2	
C3315 ECJ0EB1A104K C.CAPACITOR CH 10V 0.1U 1 C4516,17 ECJ1VB0J105K C.CAPACITOR CH 35V 1M 2 C3318 ECJ0EC1H101J C.CAPACITOR CH 50V 100P 1 C4701,02 F3F0J226A007 T.CAPACITOR CH6.3V 22U 2 C3320 ECJ0WB1C103K C.CAPACITOR CH 16V 0.01U 1 C4703,04 F1J0J335A003 C.CAPACITOR CH6.3V 3.3U 2 C3322 ECJ0WB1C103K C.CAPACITOR CH 16V 0.01U 1 C4706 F1J0J375A006 C.CAPACITOR CH6.3V 1U 1 C3324 F3E0J106A005 T.CAPACITOR CH6.3V 10U 1 C3325 ECJ0EB1A104K C.CAPACITOR CH 10V 0.1U 1 C4708 ECJ0EB1A104K C.CAPACITOR CH 10V 0.1U 1 C3326 ECJ0WB1C103K C.CAPACITOR CH 16V 0.01U 1 C3327 F1H0J105A003 C.CAPACITOR CH6.3V 5M 1 C4701 ECJ1VB0J105K C.CAPACITOR CH 10V 0.1U 1 C3328 ECJ0EB1A104K C.CAPACITOR CH 16V 0.01U 1 C4702 ECJ0WB1C103K C.CAPACITOR CH 10V 0.1U 1 C4703 ECJ0WB1C103K C.CAPACITOR CH 10V 0.1U 1 C4703 ECJ0WB1C103K C.CAPACITOR CH 10V 0.1U 1 C4703 ECJ0WB1C103K C.CAPACITOR CH 10V 0.1U 1 C4703 ECJ0WB1C103K C.CAPACITOR CH 10V 0.1U 1 C4703 ECJ0WB1C103K C.CAPACITOR CH 10V 0.1U 1 C4703 ECJ1WB0J105K C.CAPACITOR CH 10V 0.1U 1 C4703 ECJ0WB1C103K C.CAPACITOR CH 10V 0.1U 1		ļ		1					1	
C3318 ECJ0EC1H101J C.CAPACITOR CH 50V 100P 1				1					,	
C3320 ECJ0WB1C103K C.CAPACITOR CH 16V 0.01U 1 C4703,04 F1J0J335A003 C.CAPACITOR CH6.3V 3.3U 2		ļ		1					-	
C3322 ECJ0WB1C103K C.CAPACITOR CH 16V 0.01U 1 C4706 F1J0J475A006 C.CAPACITOR CH6.3V 1U 1 C4707 ECJ0WB1C103K C.CAPACITOR CH 16V 0.01U 1 C4707 ECJ0WB1C103K C.CAPACITOR CH 16V 0.01U 1 C4708 ECJ0EB1A104K C.CAPACITOR CH 16V 0.01U 1 C4708 ECJ0EB1A104K C.CAPACITOR CH 16V 0.01U 1 C4709,10 ECJ1VB0J105K C.CAPACITOR CH 35V 1M 2 C4701 ECJ0EB1A104K C.CAPACITOR CH 10V 0.1U 1 C4709,10 ECJ1VB0J105K C.CAPACITOR CH 10V 0.1U 1 C4709.10 ECJ1VB0J105K C.CAPACITOR CH 10V 0.1U 1 C4701 ECJ0EB1A104K C.CAPACITOR CH 10V 0.1U 1 C4711 ECJ0EB1A104K C.CAPACITOR CH 10V 0.1U 1 C4712 F3E0J106A005 T.CAPACITOR CH6.3V 10U 1		ļ		-					-	
C3324 F3E0J106A005 T.CAPACITOR CH6.3V 10U 1				-					-	
C3325 ECJ0EB1A104K C.CAPACITOR CH 10V 0.1U 1 1 C4708 ECJ0EB1A104K C.CAPACITOR CH 10V 0.1U 1 1 C3326 ECJ0WB1C103K C.CAPACITOR CH 16V 0.01U 1 C4709,10 ECJ1WB0J105K C.CAPACITOR CH 35V 1M 2 C3327 F1H0J105A003 C.CAPACITOR CH6.3V 5M 1 C4711 ECJ0EB1A104K C.CAPACITOR CH 10V 0.1U 1 C3328-33 ECJ0EB1A104K C.CAPACITOR CH 10V 0.1U 6 C4712 F3E0J106A005 T.CAPACITOR CH6.3V 10U 1		+		-					+ :	
C3326 ECJ0WB1C103K C.CAPACITOR CH 16V 0.01U 1 C4709,10 ECJ1VB0J105K C.CAPACITOR CH 35V 1M 2 C3327 F1H0J105A003 C.CAPACITOR CH6.3V 5M 1 C4711 ECJ0EB1A104K C.CAPACITOR CH 10V 0.1U 1 C3328-33 ECJ0EB1A104K C.CAPACITOR CH 10V 0.1U 6 C4712 F3E0J106A005 T.CAPACITOR CH6.3V 10U 1		+		-					+	
C3327 F1H0J105A003 C.CAPACITOR CH6.3V 5M 1 C4711 ECJ0EB1A104K C.CAPACITOR CH 10V 0.1U 1 C3328-33 ECJ0EB1A104K C.CAPACITOR CH 10V 0.1U 6 C4712 F3E0J106A005 T.CAPACITOR CH6.3V 10U 1				_		-			+ 1	
C3328-33 ECJ0EB1A104K C.CAPACITOR CH 10V 0.1U 6 C4712 F3E0J106A005 T.CAPACITOR CH6.3V 10U 1		+		_					2	
				_					 1	
C3336 ECJUEBIATU4K IC.CAPACITOR CH 10V 0.1U 1 C4713 F1J0J475A006 IC.CAPACITOR CH6.3V 1U 1				6					1	
	C3336	ECJUEB1A104K	C.CAPACITOR CH 10V 0.1U	1		C4713	F1JUJ475A006	G.GAPACITOR CH6.3V 1U	1	
		1		-					1	
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Components identified with the mark Δ have the special characteristics for safety. When replacing any of these components, use only the same type.

Descripton Description D							aomig amy or t	lese components, use only		сатте туре.
Grant	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No	. Part No.	Part Name & Description	Pc	s Remarks
GLANDER GLANDER GLANDER CANCELLO C			·				_		T.	1
Part Part		1		1			_		+-	1
SEASON S		1					_		+.	1
1943-1958-000 CAPATITOR CAPATITOR OF 187 10 10 10 10 10 10 10 1		1							١.	1
CATALOG CATA							_		+	
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CSTILLANDER CAMPATORIC REAL VI 1							-		μ.	1
PLANSFORM CAPACITOR CAPACITOR (19 02 UL) 1	C4723-25	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	3		IC3454	C1AB00001222		<u> </u>	1
CAMPRICIAND CLAMPATORY OF TWO ADDIT 1	C5001	ECST0JX476Z	T.CAPACITOR CH6.3V 47U	-		IC3501	C1AB00001140	IC	1	1
Colored Colored (Colored Colored C	C5002,03	F1J0J475A006	C.CAPACITOR CH6.3V 1U	2		IC3502,0	C1AB0000064	IC	2	2
COUNTY C	C5004	ECJ0WB1C103K	C.CAPACITOR CH 16V 0.01U	1		IC3505	C1AB00000648	IC	-	1
GORDEN G	C5005	ECJ0EB1E681K	C.CAPACITOR CH 25V 680P	1		IC3701	AN2903FJQ-V	IC	-	1
Court Cour	C5006-11	ECJ0WB1C103K	C.CAPACITOR CH 16V 0.01U	6		IC3801	C1DB0000045	IC	-	1
Serial County-Private County-Private Serial County-Private Serial County-Private Serial Seria	C5012	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1		IC4501	C0FBZH00000	i IC	١.	1
SERVICE SERV	C5013	ECJ0WB1C103K		1		IC5001	AN3732FJMEF	/ IC	١.	1
March Company Compan		1		1					t	
MAIT				4		↑ IP1001	K5H3123A0010	FUSE	١.	1
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D1421 BOLICERODORD BODRE 1		1					_		1	1
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DODIES MASTEROMORY DODIES 1 1.1001 61.0000000000 COLL 68894 1 1 1.1001 COLL 61.00000000 COLL 61.0000000 COLL 61.0000000 COLL 61.0000000 COLL 61.00000000 COLL 61.0000000 COLL 61.00000000 COLL 61.00000000 COLL 61.00000000 COLL 61.00000000 COLL 61.00000000 COLL 61.000000000000000000000000000000000000	D2006	MA2J70400L	DIODE	1		L1023	G1C100K0001	COIL 10UH	Ι.	1
DODGE	D2007	MA3S13300L	DIODE	1		L1025-29	G1C100K0001	COIL 10UH		5
DODGE	D2008	B0JCEE000002	DIODE	1		L1031	G1C680MA002	4 COIL 68UH	1	1
DESCRIPTION MATER DESCRIPTION DODE 1				1	MA2J11200L		_		1	1
Design		1		1			_		١.	1
DODGE		1		_					1 -	1
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DBSSS DBCEE000020 DIODE		1							Η.	1
DBSSS MASS/R1DQL DIODE		1		_			_		+.	1
D895677 BAUCEEDONOUZ DIODE							_		١.	1
De598,09 MaSS781DL		1					_		+	1
De510 BOLCEE000002 DIODE		1		_			_		μ.	1
FR601 KIMN21800016 CONNECTOR 1 L2001 G1CHR7MA0624 COIL 4.7UH 1		+		2					₩.	1
FP802 K1MM21800015 CONNECTOR 1	D6510	B0JCEE000002	DIODE	1		L1081	G1C100K0001		╽.	1
FP602 KIMM17800015 CONNECTOR						L1091	G1C4R7MA00	4 COIL 4.7UH	1	1
FP6102 KIMM21800035 CONNECTOR	FP601	K1MN21B00016	CONNECTOR	1		L1092	G1C4R7M0001	6 COIL 4.7UH	-	1
FP1002 X1MN14000035 CONNECTOR	FP602	K1MN17B00015	CONNECTOR	1		L2001	G1C100K0001	COIL 10UH	-	1
FP2201 K1MN18B00032 CONNECTOR	FP603	K1MN21B00016	CONNECTOR	1		L2002	G1C330J00006	COIL 33UH	-	1
FP2202 K1MN18000032 CONNECTOR	FP1002	K1MN14A00035	CONNECTOR	1		L2004	G1C100K0001	COIL 10UH		1
FP2203 K1MIN18B00026 CONNECTOR 1	FP2201	K1MN18B00033	CONNECTOR	1		L3001	G1C100K0001	COIL 10UH		1
FP2203 K1MIN18B00026 CONNECTOR 1				1			_		١.	1
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FP2206 KIMN18A00031 CONNECTOR				1			_		_	
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C601 AN2536FHQ C	FP5001	K1MN08B00050	CONNECTOR	1			_		1	!
C603 NJM78L12UA IC									+	
C1001 C0DBAFA00012 C				1					Ι.	1
IC1002 COBBAA00008 C	IC603	NJM78L12UA	IC	1	C0CBAKC00001		_	1 COIL 4.7UH	1	1
IC1092 CODBZFZ00003 IC	IC1001	C0DBAFA00012	IC	1		L3503-0	G1C330J00000	COIL 33UH		3
IC2001 C2DBLJ000017 IC	IC1002	C0BBAA000008	IC	1		L3507	G1C330J00000	COIL 33UH		1
IC2002 C0CBABC00104 C	IC1092	C0DBZFZ00003	IC	1		L3510,11	G1C330J00006	COIL 33UH	2	2
IC2002 C0CBABC00104 C	IC2001	C2DBLJ000017	IC	1		L3512	G1C100K0001	COIL 10UH	-	1
IC2004 COFBBD000081 DAC		+	IC	1					1 -	1
C2005 C3EBFG000008 EEPROM 1				1			_		1 :	3
IC2006 C1ZBZ0001483 IC		1					_		-	
IC2007 COBBBA000059 IC		1					_		t ì	1
IC2009 C0CBAAA00012 IC									1	1
IC2010 COCBCAC00001 IC		1		- 1			_		4-	
IC2011 C0EBD000019 IC				- 1					+-	-
IC2012 COABAA000043 IC				1			_		+	
IC2014 C0CBABC00077 IC				1		L5002,03	G1C100K0001	TOOL 10UH	1 2	-
IC2015 C0ABAA000049 IC 1 LB2001,02 J0JAC0000011 FILTER 2 C201 C0GBG0000022 IC 1 LB3001,02 J0JCC0000085 FILTER 2 C201 C1AB00000922 IC 1 LB3003 J0JAD0000002 FILTER 1 C3003 C0JBAE000140 IC 1 LB3401-03 J0JAD0000002 FILTER 3 C201 C301	1							1		
IC2201 C0GBG0000022 IC 1 LB3001,02 J0JCC000085 FILTER 2 IC3001 C1AB00000922 IC 1 LB3003 J0JAD0000002 FILTER 1 IC3003 C0JBAE000140 IC 1 LB3401-03 J0JAD0000002 FILTER 3 IC3003 IC3004 IC3005	-					_		+		
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IC3003 C0JBAE000140 IC 1 LB3401-03 J0JAD0000002 FILTER 3	IC2201	C0GBG0000022	IC	1		LB3001,	2 J0JCC0000085	FILTER	2	2
	IC3001	C1AB00000922	IC	1		LB3003	J0JAD0000002	FILTER	Ι.	1
IC3005 BH7086KV IC 1 C1ZBZ0001649 LB3701-03 J0JBC0000042 FILTER 3	IC3003	C0JBAE000140	IC	1		LB3401-	3 J0JAD0000002	FILTER	-:	3
	IC3005	BH7086KV	IC	1	C1ZBZ0001649	LB3701-	3 J0JBC0000042	FILTER	- :	3
		1							1	<u> </u>

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Prisson Company Company Compan	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
						R616-18	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	3	,
	PP3001	K1KA60A00104	CONNECTOR (MALE)	1		R619-22	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	4	
Propose						R623,24	ERJ2GEJ223	M.RESISTOR CH 1/16W 22K	2	
Decision Decision	PS3004	K1KBC0A00037	CONNECTOR (FEMALE)	1		R625-28	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	4	
Decision Decision						R629	ERJ2GEJ153	M.RESISTOR CH 1/16W 15K	1	
BACCOSCORD	Q601,02	B1ACGD000006	TRANSISTOR	2		R630	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1	
BACCOSCORD	Q604.05	B1ACGD000006	TRANSISTOR	2		R631	ERJ2GEJ122	M.RESISTOR CH 1/16W 1.2K	1	
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PRINCE PRINCE		ļ		1					1	_
	Q1051	B1BDBD000020	TRANSISTOR	1		R656-58	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	3	,
1916 1922	Q1052	B1ADCF000059	TRANSISTOR	1		R1001	ERJ8GEY0R00	M.RESISTOR CH 1/8W 0	1	
	Q1053	2SD2216J0L	TRANSISTOR	1		R1003	ERJ2GEJ225	M.RESISTOR CH 1/16W 2.2M	1	
	Q1054	XP1401	TRANSISTOR-RESISTOR	1		R1005	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	1	
Profession	Q1055	2SD2216J0L	TRANSISTOR	1		R1008	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1	
	Q1056	2SB1462JHL	TRANSISTOR	1		R1010	ERJ2RKD820	M.RESISTOR CH 1/16W 82	1	
	Q1061,62	+		2		R1011			1	
10101 2801462-NL TANASSTOR 1		B1BDBD000020	TRANSISTOR	1		R1012	ERJ2RKD820		1	
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BAGGERION TRANSISTOR 1				3		-			1	
DOSEST SEMILABURE TRANSISTOR 1		ļ		1					1	_
CORDINATION CONTRIBUTION CONTR	Q3502	B1ACGD000006	TRANSISTOR	1		R1024	ERJ6RBB272	M.RESISTOR CH 1/10W 2.7K	1	
GOSCIENT TANSISTOR 1	Q3503	2SB1462JHL	TRANSISTOR	1		R1025	ERJ2GEJ331	M.RESISTOR CH 1/16W 330	1	
SCHEZUAL TRANSISTOR	Q3507	2SB1462JHL	TRANSISTOR	1		R1030	ERJ2RKD820	M.RESISTOR CH 1/16W 82	1	
A	Q3508	2SD2216J0L	TRANSISTOR	1		R1031	ERJ6RBB332	M.RESISTOR CH 1/10W 3.3K	1	
APPLICATION SPENSION TRANSISTOR 3 R1034 R1035 R1034 R1035 R1034 R1035 R1034 R1035 R1034 R1035 R1	Q3509	2SC4627J0L	TRANSISTOR	1		R1032	ERJ2RKD820	M.RESISTOR CH 1/16W 82	1	
R1040 RAMERISTOR HIND RAMSISTOR HESISTOR	Q3510	B1HFCFA00003	TRANSISTOR	1		R1033	ERJ3RBD151	M.RESISTOR CH 1/16W 150	1	
GREAT GREA	Q3701-03	2SD1979	TRANSISTOR	3		R1034	ERJ6RBB272	M.RESISTOR CH 1/10W 2.7K	1	
PRINCE P						R1040	ERJ2RKD820	M.RESISTOR CH 1/16W 82	1	
PRINCE P	QR601	B1GBAFLL0001	TRANSISTOR-RESISTOR	1					1	
CREAD BIGBAFLLOOP TRANSISTOR 1				1		-			1	
RR005 BIGBCFLL002 TRANSISTOR				1					1	
R1001 BIGDEFJJ0002 TRANSISTOR		ļ		1					1	
R1004 BIGDCFJA0009 TRANSISTOR 1 R1050 ERJ2RKD820 M.RESISTOR CH 1/16W 82 1 R1051 ERJ2RB272 M.RESISTOR CH 1/16W 82 1 R1051 ERJ2RB273 M.RESISTOR CH 1/16W 27K 1 R1052 ERJ2RB273 M.RESISTOR CH 1/16W 27K 1 R1052 ERJ2RB273 M.RESISTOR CH 1/16W 27K 1 R1052 ERJ2RB273 M.RESISTOR CH 1/16W 300 1 R1052 ERJ2RB273 M.RESISTOR CH 1/16W 12K 1 R1052 ERJ2RB273 M.RESISTOR CH 1/16W 27K 2 R1052 M.RESISTOR CH 1/16W 27K 1 R1104 ERJ2RB233 M.RESISTOR CH 1/16W 27K 1 R1105 ERJ2RB232 M.RESISTOR CH 1/16W 27K 1 R1105 ERJ2RB232 M.RESISTOR CH 1/16W 27K 1 R1105 ERJ2RB232 M.RESISTOR CH 1/16W 27K 1 R1105 ERJ2RB233 M.RESISTOR CH 1/16W 27K 1 R1105 ERJ2RB233 M.RESISTOR CH 1/16W 150 1 R1105 ERJ2RB233 M.RESISTOR CH 1/16W 150 1 R1105 ERJ2RB233 M.RESISTOR CH 1/16W 150 1 R1105 ERJ2RB233 M.RESISTOR		ļ		1					1	
R1050 B1GBAFNN0001 TRANSISTOR 1		+		-						
R1101 B1GBBFJN0001 TRANSISTOR 1				-		-			H	-
R1053 ERJSRBD271 M.RESISTOR CH 1/16W 270 1		ļ		-					H	-
R1054 ERJ6RBB272 M.RESISTOR CH 1/10W 2.7K 1 R1054 ERJ6RBB272 M.RESISTOR CH 1/16W 330 1 R1057 ERJ2GEJ313 M.RESISTOR CH 1/16W 330 1 R1057 ERJ2GEJ313 M.RESISTOR CH 1/16W 230 1 R1057 ERJ2GEJ313 M.RESISTOR CH 1/16W 12K 1 R1057 ERJ2GEJ313 M.RESISTOR CH 1/16W 12K 1 R1057 ERJ2GEJ313 M.RESISTOR CH 1/16W 12K 1 R1058 ERJ2RHD282 M.RESISTOR CH 1/16W 12K 1 R1058 ERJ2RHD282 M.RESISTOR CH 1/16W 2.7K 1 R1059 ERJ2GEJ32 M.RESISTOR CH 1/16W 2.7K 1 R1101 ERJ2RHD272 M.RESISTOR CH 1/16W 2.7K 1 R1102 R1059 ERJ2GEJ472 M.RESISTOR CH 1/16W 2.7K 1 R1104 ERJ2GEJ32 M.RESISTOR CH 1/16W 2.7K 1 R1105 ERJ2GEJ32 M.RESISTOR CH 1/16W 2.7K 1 R1106 ERJ2GEJ33 M.RESISTOR CH 1/16W 4.7K 1 R1111 ERJ2GEJ33 M.RESISTOR CH 1/16W 4.7K 1 R1111 ERJ2GEJ33 M.RESISTOR CH 1/16W 6.8K 1 R1111 ERJ2GEJ33 M.RESISTOR CH 1/16W 6.8K 1 R1111 ERJ2GEJ35 M.RESISTOR CH 1/16W				1					1	
R1005				1					1	
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R1105 ERJ2GEJ223 M.RESISTOR CH 1/16W 22K 1	QR3401	UNR9115J0L	TRANSISTOR	1		R1102,03	ERJ2GEJ472	M.RESISTOR CH 1/16W 4.7K	2	
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Medical State	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
	R1193	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1		R2080	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1	
PROPERTY PROPERTY	R1251	ERJ2GEJ224	M.RESISTOR CH 1/16W 220K	1		R2081-83	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	3	3
Processor Proc		ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	5		R2084	ERJ2GEJ563		1	
PART PART	R1351	ERJ3GEY0R00		1		R2085.86	ERJ2GEJ473		2	
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PART PART	R1413	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1		R2098	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1	1
Property Property	R1421	ERJ2GEJ683	M.RESISTOR CH 1/16W 68K	1		R2099	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1	
PROVIDED PROVIDED NEW YEAR OF THE PAY AND A 1	R1422	ERJ2GEJ333	M.RESISTOR CH 1/16W 33K	1		R2100	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	1	1
READ RANGE ATT MISSISTON CHI 1909 1 RETO RESISTON CHI 1909 2 RETO RESISTON CHI 1909 3 RESISTON CHI 190	R2001	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1		R2101	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1	
PAGES PAGE	R2002,03	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	2		R2102-05	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	4	
Region Region Region of the new 1	B2004		M.RESISTOR CH 1/16W 47K	1		B2106	EBJ2GEJ121	M.RESISTOR CH 1/16W 120	1	
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Report R	R2011	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1		R2118	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1	
PROJECT PROJECTION PROJECT ON CHINGW 26K 1	R2012	ERJ2GEJ333	M.RESISTOR CH 1/16W 33K	1		R2119,20	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	_ 2	!
Report R	R2013	ERJ2GEJ105	M.RESISTOR CH 1/16W 1M	1		R2122	ERJ2GEJ273	M.RESISTOR CH 1/16W 27K	1	
Report R	R2015	ERJ2GEJ822	M.RESISTOR CH 1/16W 8.2K	1		R2123	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1	
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PROPOSE PRINCELING	R2023	ERJ2GEJ393	M.RESISTOR CH 1/16W 39K	1		R2139-41	ERJ2GEJ563	M.RESISTOR CH 1/16W 56K	3	5
R2026 R100EURD M.RESISTOR CH 176W 100 1	R2024	ERJ2GEJ223	M.RESISTOR CH 1/16W 22K	1		R2142	ERJ2GEJ394	M.RESISTOR CH 1/16W 390K	1	I
R0202 GRAGE/W330 MRESISTOR CH 178W 47K 1 R0202 R02	R2025	ERJ2GEJ562	M.RESISTOR CH 1/16W 5.6K	1		R2143,44	ERJ2GEJ562	M.RESISTOR CH 1/16W 5.6K	2	
R0202 GRAGE/W330 MRESISTOR CH 178W 47K 1 R0202 R02	R2026	ERJ2GEJ101	M.RESISTOR CH 1/16W 100	1		R2145	ERJ2GEJ684	M.RESISTOR CH 1/16W 680K	1	
RR295 RR29GEAP3 M.RESISTOR CH 176W 47K 1 R215 ERL2PH0983 M.RESISTOR CH 176W 98K 1 RR20941 RR2064102 M.RESISTOR CH 176W 17K 2 R2162 ERL2064102 M.RESISTOR CH 176W 17K 1 R2163 ERL2064102 M.RESISTOR CH 176W 17K 1 R2263 ERL2064102 M.RESISTOR CH 176W 17K 1 R2263 ERL2064103 M.RESISTOR CH 176W 27K 1 R2263 ERL2064103 M.RESISTOR CH 176W 27K 1 R2263 ERL2064103 M.RESISTOR CH 176W 17K 4 R2263 ERL2064103 M.RESISTOR CH 176W 27K 1 R2263 ERL2064103 M.RESISTOR CH 176W 37K 1 R2263 ERL2064103 M.RESISTOR CH 176W 37K	R2027		M.RESISTOR CH 1/8W 33	1		R2150	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1	
R2029-31 ERJOGELFIZ M. RESISTOR CH 1/16W 1/K 2 R2162 ERJOGELFIZ M. RESISTOR CH 1/16W 3/K 1 R2163 ERJOGELFIZ M. RESISTOR CH 1/16W 1/K 1 R2263 ERJOGELFIZ M. RESISTOR CH 1/16W 1/K 1 R2264 ERJOGELFIZ M. RESISTOR CH 1/16W 1/K 4 R2264 ERJOGELFIZ M. RESISTOR CH 1/16W 1/K 7 R2264 ERJOG		!		1			ļ		1	(
R2023 R202EL972 M.RESISTOR CH 1/16W 47K 1 R2161 R202EL902 M.RESISTOR CH 1/16W 1K 1 R2164 R202EL902 M.RESISTOR CH 1/16W 1K 1 R202EL902 M.RESISTOR CH 1/16W 47K 1 R202EL902 R202EL903 M.RESISTOR CH 1/16W 47K 1 R202EL902 R202EL903 M.RESISTOR CH 1/16W 1K 1 R202EL902 R202EL903 M.RESISTOR CH 1/16W 20K 1 R204E R202EL903 M.RESISTOR CH 1/16W 50K 1 R204E R202EL903 M.RESISTOR CH 1/16W 50K 1 R203EL903 M.RESISTOR CH 1/16W 20K 1 R203EL903 M.RESISTOR CH 1/16W 50K 1 R203EL903 M.RESISTOR CH 1/16W 20K 1 R203EL903 M.RESISTOR CH 1/16W 1		!		9					1	
R2034 ERJOGLI02 M.RESISTOR CH 1/16W 1K 1 R2165 ERJOGLI02 M.RESISTOR CH 1/16W 1K 1 R2006,37 ERJOGLI02 M.RESISTOR CH 1/16W 1K 1 R2006,37 ERJOGLI02 M.RESISTOR CH 1/16W 1K 1 R2006 ERJOGLI02 M.RESISTOR CH 1/16W 1K 1 R2007 ERJOGLI02 M.RESISTOR CH 1/16W 1K 1 R2008 ERJOGLI02 M.RESISTOR CH 1/16W 1K 1 R2008 ERJOGLI02 M.RESISTOR CH 1/16W 1K 1 R2008 ERJOGLI02 M.RESISTOR CH 1/16W 1K 1 R2009 ERJOGLI02 M.RESISTOR CH 1/16W 1K 1 R2009 ERJOGLI02 M.RESISTOR CH 1/16W 1K 1 R2009 ERJOGLI02 M.RESISTOR CH 1/16W 1K 1 R2004 ERJOGLI02 M.RESISTOR CH 1/16W 1K 0 R2009 ERJOGLI02 M.RESISTOR CH 1/16W 20K 1 R2004 ERJOGLI02 M.RESISTOR CH 1/16W 1K 0 R2004 ERJOGLI02 M.RESISTOR CH 1/16W 1K 0 R2004 ERJOGLI02 M.RESISTOR CH 1/16W 20K 1 R2004 ERJOGLI02 M.RESISTOR CH 1/16W 1JK 0 R2004 ERJOGLI02 M.RESISTOR CH 1/16W 1JK 0 R2004 ERJOGLI02 M.RESISTOR CH 1/16W 20K 1 R2004 ERJOGLI02 M.RESISTOR CH 1/16W 20K 1 R2004 ERJOGLI02 M.RESISTOR CH 1/16W 3JK 1 R2014 ERJOGLI02 M.RESISTOR CH 1/16W 20K 1 R2004 ERJOGLI03 M.RESISTOR CH 1/16W 3JK 1 R2004 ERJOGLI03 M.RESISTOR CH 1/16W 3JK 1 R2014 ERJOGLI02 M.RESISTOR CH 1/16W 2JK 1 R2005 ERJOGLI03 M.RESISTOR CH 1/16W 3JK 1 R2014 ERJOGLI03 M.RESISTOR CH 1/16W 3JK 1 R2015 ERJOGLI03 M.RESISTOR CH 1/16W 3JK 1 R2015 ERJOGLI03 M.RESISTOR CH 1/16W 3JK 1 R2015 ERJOGLI03 M.RESISTOR CH 1/16W 3JK 1 R2016 ERJOGLI03 M.RESISTOR CH 1/16W 3JK 1 R2016 ERJOGLI03 M.RESISTOR CH 1/16W 3JK 1 R2016 ERJOGLI03 M.RESISTOR CH 1/16W 1K 1 R2016 ERJOGLI03 M.RESISTOR CH 1/16W 1K 1 R2016 ERJOGLI03 M.RESISTOR CH 1/16W 1K 1 R2016 ERJ		1								
R2005 ERJOCEL172 M. RESISTOR CH 1/16W 47K 1 R2001 R2006 47 RACES			-							
R2096,37 ERIZGEJI02 M. PESISTOR CH 11/8W 14				_					1	
R2009 ERLZGELI73 M. RESISTOR CH 1/16W 47K 1							+		1	
R2099	R2036,37	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	2		R2201	ERJ2GEJ101	M.RESISTOR CH 1/16W 100	1	
R2040 ERJZRHD223 M.RESISTOR CH 1/16W 22K 1	R2038	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1		R2202	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1	
R2042-44 R1J2GEJ102 M.RESISTOR CH 1/16W 1K 0 R2095 R1J2GEJ102 M.RESISTOR CH 1/16W 1K 4 R2095 R1J2GEJ203 M.RESISTOR CH 1/16W 1K 1 R2095 R1J2GEJ224 M.RESISTOR CH 1/16W 2ZK 1 R2096 R1J2GEJ224 M.RESISTOR CH 1/16W 2ZK 1 R2096 R1J2GEJ222 M.RESISTOR CH 1/16W 2ZK 1 R211 R1J2GEJ222 M.RESISTOR CH 1/16W 2ZK 1 R211 R1J2GEJ222 M.RESISTOR CH 1/16W 2ZK 1 R2212 R1J2GEJ222 M.RESISTOR CH 1/16W 3JK 1 R2213 R1J2GEJ222 M.RESISTOR CH 1/16W 3JK 1 R2213 R1J2GEJ222 M.RESISTOR CH 1/16W 3JK 1 R2213 R1J2GEJ222 M.RESISTOR CH 1/16W 3JK 1 R2214 R1J2GEJ223 M.RESISTOR CH 1/16W 2ZK 1 R2215 R1J2GEJ322 M.RESISTOR CH 1/16W 3JK 1 R2215 R1J2GEJ323 M.RESISTOR CH 1/16W 2ZK 1 R2215 R1J2GEJ323 M.RESISTOR CH 1/16W 1ZK 1 R2052 R1J2GEJ323 M.RESISTOR CH 1/16W 1K 1 R2053 R1J2GEJ323 M.RESISTOR CH 1/16W 1K 1 R2053 R1J2GEJ323 M.RESISTOR CH 1/16W 1K 1 R2054 R1J2GEJ333 M.RESISTOR CH 1/16W 3JK 1 R2055 R1J2GEJ324 M.RESISTOR CH 1/16W 1K 1 R2056 R1J2GEJ334 M.RESISTOR CH 1/16W 1DK 1 R2056 R1J2GEJ	R2039	ERJ2GEJ183	M.RESISTOR CH 1/16W 18K	1		R2203	ERJ2GEJ823	M.RESISTOR CH 1/16W 82K	1	I
R2045 ERJ2GEJ101 M.RESISTOR CH 1/16W 100 1 R206 ERJ2GEJ224 M.RESISTOR CH 1/16W 22K 1 R204 ERJ2GEJ222 M.RESISTOR CH 1/16W 12K 1 R205 ERJ2GEJ222 M.RESISTOR CH 1/16W 33K 1 R213 ERJ2GEJ122 M.RESISTOR CH 1/16W 12K 1 R205 ERJ2GEJ122 M.RESISTOR CH 1/16W 12K 1 R205 ERJ2GEJ102 M.RESISTOR CH 1/16W 15K 1 R205 ERJ2GEJ102 M.RESISTOR CH 1/16W 16K 1 R205 ERJ2GEJ102 M.RESISTOR CH 1/16W 10K 1 R205 ERJ2GEJ102 M.RESISTOR CH 1/16W 10K 1 R205 ERJ2GEJ103 M.RESISTOR CH 1/16W 10K 1 R206 ERJ2GEJ103 M.RESISTOR CH 1/16W 10K 1 R206 ERJ2GEJ103 M.RESISTOR CH 1/16W 10K	R2040	ERJ2RHD223	M.RESISTOR CH 1/16W 22K	1		R2204	ERJ2GEJ224	M.RESISTOR CH 1/16W 220K	1	1
R2046 ERJ2GEJ63 M.RESISTOR CH 1/16W 56K 1 R2211 ERJ2GEJ222 M.RESISTOR CH 1/16W 2.2K 1 R2211 ERJ2GEJ222 M.RESISTOR CH 1/16W 2.2K 1 R2211 ERJ2GEJ222 M.RESISTOR CH 1/16W 0.27 1 R2214 ERJ2GEJ232 M.RESISTOR CH 1/16W 0.27 1 R2215 ERJ2GEJ232 M.RESISTOR CH 1/16W 3.3K 1 R2213 ERJ2GEJ332 M.RESISTOR CH 1/16W 3.3K 1 R2214 ERJ2GEJ232 M.RESISTOR CH 1/16W 1.5K 1 R2214 ERJ2GEJ232 M.RESISTOR CH 1/16W 1.5K 1 R2215 ERJ2GEJ232 M.RESISTOR CH 1/16W 1.5K 1 R2215 ERJ2GEJ233 M.RESISTOR CH 1/16W 1.5K 1 R2215 ERJ2GEJ033 M.RESISTOR CH 1/16W 1.5K 1 R2216 ERJ2GEJ333 M.RESISTOR CH 1/16W 27K 1 R2216 ERJ2GEJ333 M.RESISTOR CH 1/16W 3.5K 1 R2216 ERJ2GEJ333 M.RESISTOR CH 1/16W 1.5K 3 R2216 R22	R2042-44	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	3		R2205-08	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	4	1
R2048 ERJ2GEJ102 M.RESISTOR CH 1/16W 1K	R2045	ERJ2GEJ101	M.RESISTOR CH 1/16W 100	1		R2209	ERJ2GEJ224	M.RESISTOR CH 1/16W 220K	1	
R2048 ERJ2GEJ102 M.RESISTOR CH 1/16W 1K	R2046	ERJ2GEJ563	M.RESISTOR CH 1/16W 56K	1		R2210	ERJ2GEJ222	M.RESISTOR CH 1/16W 2.2K	1	
R2049 ERJ2GEJ222 M.RESISTOR CH 1/16W 22K 1 R2213 ERJ2GEJ122 M.RESISTOR CH 1/16W 3.3K 1 R2213 ERJ8RQJR27 M.RESISTOR CH 1/16W 3.3K 1 R2214 ERJ8RQJR27 M.RESISTOR CH 1/16W 0.27 1 R2215 ERJ8RQJR27 M.RESISTOR CH 1/16W 1.5K 1 R2215 ERJ8RQJR27 M.RESISTOR CH 1/16W 27K 1 R2052 ERJ2GEJ102 M.RESISTOR CH 1/16W 1.5K 1 R2215 ERJ2GEJ868 M.RESISTOR CH 1/16W 27K 1 R2052 ERJ2GEJ869 M.RESISTOR CH 1/16W 68K 1 R2053 ERJ2GEDR00 M.RESISTOR CH 1/16W 0 1 R2216 ERJ2GEJ393 M.RESISTOR CH 1/16W 39K 1 R2055 ERJ2GEJ472 M.RESISTOR CH 1/16W 1.6K 1 R3006 ERJ2GEJ102 M.RESISTOR CH 1/16W 1.5K 3 R2057 ERJ2GEJ104 M.RESISTOR CH 1/16W 100K 1 R3006 ERJ2GEJ105 M.RESISTOR CH 1/16W 100K 1 R3006 ERJ2GEJ104 M.RESISTOR CH 1/16W 100K 1 R3007 ERJ2GEJ104 M.RESISTOR CH 1/16W 10K 1 R3007 ERJ2GEJ105 M.RESISTOR CH 1/16W 10K 1 R3007 ERJ2GEJ105 M.RESISTOR CH 1/16W 10K 1 R3007 ERJ2GEJ106 M.RESISTOR CH 1/16W 10K 1 R3007 ERJ2GEJ393 M.RESISTOR C		!		1					1	
R2050 ERJ2GEJI32 M.RESISTOR CH 1/16W 1.5K 1 R214 ERJ2GEJI32 M.RESISTOR CH 1/16W 1.5K 1 R214 ERJ2GEJI27 M.RESISTOR CH 1/16W 1.5K 1 R215 ERJ2GEJI27 M.RESISTOR CH 1/16W 1.5K 1 R216 ERJ2GEJI27 M.RESISTOR CH 1/16W 1.5K 1 R215 ERJ2GEJI27 M.RESISTOR CH 1/16W 27K 1 R2053 ERJ2GEGRO0 M.RESISTOR CH 1/16W 4.7K 1 R216 ERJ2GEJI33 M.RESISTOR CH 1/16W 36K 1 R2055 ERJ2GEJI27 M.RESISTOR CH 1/16W 4.7K 1 R3001-03 ERJ2GEJI52 M.RESISTOR CH 1/16W 36K 1 R3001-03 ERJ2GEJI52 M.RESISTOR CH 1/16W 1.5K 3 R3006 ERJ2GEJI02 M.RESISTOR CH 1/16W 10K 1 R3009 ERJ2GEJI52 M.RESISTOR CH 1/16W 11M 1 R3009 ERJ2GEJI04 M.RESISTOR CH 1/16W 10K 1 R3014 ERJ2GEJI05 M.RESISTOR CH 1/16W 10K 1 R3016 ERJ2GEJI03 M.RESISTOR CH 1/16W 10K 1 R3016 ERJ2GEJI03 M.RESISTOR CH 1/16W 10K 1 R3016 ERJ2GEJI04 M.RESISTOR CH 1/16W 10K 1 R3016 ERJ2GEJI04 M.RESISTOR CH 1/16W 10K 1 R3016 ERJ2GEJI04 M.RESISTOR CH 1/16W 10K 1 R3016 ERJ2GEJI05 M.RESISTOR CH 1/16W 10K 1 R3016 ERJ2GEJI04 M.RESISTOR CH 1/16W 10K 1 R3016 ERJ2GEJI04 M.RESISTOR CH 1/16W 10K 1 R3016 ERJ2GEJI05 M.RESISTOR CH 1/16W 10K 1 R3016 ERJ2GEJI06 M.RESISTOR CH 1/16W 10K 1 R3016 ERJ2GEJI07 M.RESISTOR CH 1/16W 10K 1 R3016 ERJ2GEJI08 M.RESISTOR CH 1/16W 10K 1 R3016 ERJ2GEJI09 M.RESISTOR CH 1/16W 3.3K 1 R3016 ERJ2GEJI09 M.RESISTOR CH 1/16W				-						
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R2052 ERJ2GEJ102 M.RESISTOR CH 1/16W 1K				_					+:	+
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R2055 ERJ2GEJ472 M.RESISTOR CH 1/16W 4.7K 1 R3001-03 ERJ2GEJ152 M.RESISTOR CH 1/16W 1.5K 3 R2056 ERJ2GEJ102 M.RESISTOR CH 1/16W 10K 1 R3006 ERJ2GEJ105 M.RESISTOR CH 1/16W 10K 1 R3009 ERJ2GEJ103 M.RESISTOR CH 1/16W 10K 1 R3014 ERJ2GEJ103 M.RESISTOR CH 1/16W 10K 1 R3014 ERJ2GEJ103 M.RESISTOR CH 1/16W 10K 1 R3015 ERJ2GEJ034 M.RESISTOR CH 1/16W 10K 1 R3015 ERJ2GEJ034 M.RESISTOR CH 1/16W 10K 1 R3015 ERJ2GEJ034 M.RESISTOR CH 1/16W 10K 1 R3015 ERJ2GEJ103 M.RESISTOR CH 1/16W 10K 1 R3020 ERJ2GEJ133 M.RESISTOR CH 1/16W 10K 1 R3021 ERJ2GEJ103 M.RESISTOR CH 1/16W 10K 1 R3021 ERJ2GEJ103 M.RESISTOR CH 1/16W 10K 1 R3021 ERJ2GEJ103 M.RESISTOR CH 1/16W 10K 1 R3022 ERJ2GEJ104 M.RESISTOR CH 1/16W 10K 1 R3022 ERJ2GEJ104 M.RESISTOR CH 1/16W 10K 1 R3022 ERJ2GEJ103 M.RESISTOR CH 1/16W 6.8K 1 R3024 ERJ2GEJ323 M.RESISTOR CH 1/16W 6.8K 1 R3024 ERJ2GEJ332 M.RESISTOR CH 1/16W 6.8K 1 R3026 ERJ2GEJ333 M.RESISTOR CH 1/16W 6.8K 1 R3026 ERJ2GEJ334 M.RESISTOR CH 1/16W 3.9K 1 R3026 ERJ2GEJ334 M.RESISTOR CH 1/16W 3.9K 1 R3027 ERJ2GEJ333 M.RESISTOR CH 1/16W 10K 1 R3027 ERJ2GEJ333 M.RESISTOR CH 1/16W 27K 1 R3028 ERJ2GEJ333 M.RESISTOR CH 1/16W 27K 1 R3029 ERJ2GEJ033 M.RESISTOR CH 1/16W 27K 1 R3027 ERJ2GEJ333 M.RESISTOR CH 1/16W 27K 1 R3028 ERJ2GEJ103 M.RESISTOR CH 1/16W 10K 1 R3027 ERJ2GEJ333 M.RESISTOR CH 1/16W 27K 1 R3028 ERJ2GEJ103 M.RESISTOR CH 1/16W 0 1 R3027 ERJ2GEJ103 M.RESISTOR CH 1/16W 10K 1 R3027 ERJ2GEJ103 M.RESISTOR CH 1/16W 0 1 R3030 ERJ2GEJ103 M.RESISTOR CH 1/16W 10K 1 R3037 ERJ2GEJ103 M.RESISTOR CH 1/16W 10K 1 R3047 ERJ2GEJ103 M.RESISTOR CH 1/16W 10K 1 R3047									₽1	1
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R2057 ERJ2GEJ104 M.RESISTOR CH 1/16W 100K 1 R3009 ERJ2GEJ123 M.RESISTOR CH 1/16W 12K 1 R2058 ERJ2GEJ681 M.RESISTOR CH 1/16W 680 1 R3014 ERJ2GEJ101 M.RESISTOR CH 1/16W 100 1 R3015 ERJ2GEJ039 M.RESISTOR CH 1/16W 390K 1 R3015 ERJ2GEJ163 M.RESISTOR CH 1/16W 10K 1 R3015 ERJ2GEJ163 M.RESISTOR CH 1/16W 10K 1 R3016 ERJ2GEJ163 M.RESISTOR CH 1/16W 6.8K 1 R3016 ERJ2GEJ163 M.RESISTOR CH 1/16W 6.8K 1 R3016 ERJ2GEJ163 M.RESISTOR CH 1/16W 6.8K 1 R3016 ERJ2GEJ368 M.RESISTOR CH 1/16W 6.8K 1 R3016 ERJ2GEJ38 M.RESISTOR CH 1/16W 6.8K 1 R3016 ERJ2GEJ38 M.RESISTOR CH 1/16W 6.8K 1 R3016 ERJ2GEJ38 M.RESISTOR CH 1/16W 6.8K 1 R3017 ERJ2GEJ39 M.RESISTOR CH 1/1				1					3	j
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R3060	ERJ2RHD133	M.RESISTOR CH 1/16W 13K	1		R3529	ERJ2GEJ223	M.RESISTOR CH 1/16W 22K	1	
R3075	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	1		R3530	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	1	
R3089,90	ERJ2GEJ392	M.RESISTOR CH 1/16W 3.9K	2		R3533	ERJ2GEJ333	M.RESISTOR CH 1/16W 33K	1	
R3101 R3201	ERJ2GE0R00 ERJ2GE0R00	M.RESISTOR CH 1/16W 0 M.RESISTOR CH 1/16W 0	'		R3534 R3536	ERJ2GEJ102 ERJ2GEJ103	M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 10K	-	
R3203	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1		R3537	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	1	
R3204	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1		R3538	ERJ2GEJ223	M.RESISTOR CH 1/16W 22K	1	
R3205	ERJ2GEJ105	M.RESISTOR CH 1/16W 1M	1		R3539	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1	
R3206	ERJ2GEJ223	M.RESISTOR CH 1/16W 22K	1		R3541	ERJ2GEJ392	M.RESISTOR CH 1/16W 3.9K	1	
R3207-09	ERJ2GEJ221	M.RESISTOR CH 1/16W 220	3		R3542	ERJ2GEJ182	M.RESISTOR CH 1/16W 1.8K	1	
R3211,12	ERJ2GEJ471	M.RESISTOR CH 1/16W 470	2		R3543	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1	
R3213,14	ERJ2GEJ332	M.RESISTOR CH 1/16W 3.3K	2		R3544	ERJ2GEJ563	M.RESISTOR CH 1/16W 56K	1	
R3215	ERJ2GEJ152	M.RESISTOR CH 1/16W 1.5K	1		R3559	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1	
R3217	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1		R3701	ERJ2GEJ680	M.RESISTOR CH 1/16W 68	1	
R3219	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1		R3702	ERJ2GEJ182	M.RESISTOR CH 1/16W 1.8K	1	
R3220	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1		R3703	ERJ2GEJ391	M.RESISTOR CH 1/16W 390	1	
R3221	ERJ2GEJ223	M.RESISTOR CH 1/16W 22K	1		R3704	ERJ2GEJ680	M.RESISTOR CH 1/16W 68	1	
R3301	ERJ2RHD222	M.RESISTOR CH 1/16W 2.2M	1		R3705	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	1	
R3303	ERJ2GEJ392	M.RESISTOR CH 1/16W 3.9K	1		R3706	ERJ2GEJ182	M.RESISTOR CH 1/16W 1.8K	1	
R3304	ERJ2RHD302	M.RESISTOR CH 1/16W 3K	1		R3707	ERJ2GEJ391	M.RESISTOR CH 1/16W 390	1	
R3306	ERJ2RHD391	M.RESISTOR CH 1/16W 390	1		R3708	ERJ2GEJ750	M.RESISTOR CH 1/16W 75	1	
R3307	ERJ2GEJ223	M.RESISTOR CH 1/16W 22K	1		R3711-13	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	3	
R3308	ERJ2GEJ562	M.RESISTOR CH 1/16W 5.6K	1		R3799	ERJ2GEJ334	M.RESISTOR CH 1/16W 330K	1	
R3309	ERJ2GEJ153	M.RESISTOR CH 1/16W 15K	1		R3802	ERJ2GEJ270	M.RESISTOR CH 1/16W 27	1	
R3311,12	ERJ2GEJ391	M.RESISTOR CH 1/16W 390	2		R3803,04	ERJ2RHD123	M.RESISTOR CH 1/16W 12K	2	
R3313	ERJ2GEJ392	M.RESISTOR CH 1/16W 3.9K	1		R3806-09	ERJ2RKD560	M.RESISTOR CH 1/16W 56	4	
R3314	ERJ2GEJ122	M.RESISTOR CH 1/16W 1.2K	1		R3810-12	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	3	
R3317	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1		R3901	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1	
R3318,19	ERJ2GEJ121	M.RESISTOR CH 1/16W 120	2		R3904	ERJ2GEJ470	M.RESISTOR CH 1/16W 47	1	
R3321	ERJ2GEJ331	M.RESISTOR CH 1/16W 330	1		R4501	ERJ2GEJ100	M.RESISTOR CH 1/16W 10	1	
R3322	ERJ2GEJ562	M.RESISTOR CH 1/16W 5.6K	1		R4504	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1	
R3323	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1		R4508,09	ERJ2GEJ183	M.RESISTOR CH 1/16W 18K	2	
R3324	ERJ2GEJ682	M.RESISTOR CH 1/16W 6.8K	1		R4510,11	ERJ2GEJ333	M.RESISTOR CH 1/16W 33K	2	
R3327	ERJ2GEJ391	M.RESISTOR CH 1/16W 390	1		R4701,02	ERJ2GEJ101	M.RESISTOR CH 1/16W 100	2	
R3328	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1		R4703,04	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	2	
R3335	ERJ2GEJ100	M.RESISTOR CH 1/16W 10	1		R4707,08	ERJ2GEJ222	M.RESISTOR CH 1/16W 2.2K	2	
R3336	ERJ2GEJ162	M.RESISTOR CH 1/16W 1.6K	1		R4709,10	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	2	
R3402	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1		R4712,13	ERJ2GEJ100	M.RESISTOR CH 1/16W 10	2	
R3403	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1		R4714-16	ERJ2GEJ472	M.RESISTOR CH 1/16W 4.7K	3	
R3404	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1		R4799	ERJ2GEJ681	M.RESISTOR CH 1/16W 680	1	
R3405	ERJ2GEJ220	M.RESISTOR CH 1/16W 22	1		R5003	ERJ2GEJ271	M.RESISTOR CH 1/16W 270	1	
R3406	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1		R5004	ERJ2GEJ182	M.RESISTOR CH 1/16W 1.8K	1	
R3407	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1		R5005	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1	
R3408	ERJ2GEJ220	M.RESISTOR CH 1/16W 22	1		R5006	ERJ2GEJ222	M.RESISTOR CH 1/16W 2.2K	1	
R3409,10	ERJ2GEJ472	M.RESISTOR CH 1/16W 4.7K	2		R5007,08	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	2	
R3411,12	ERJ2GEJ220	M.RESISTOR CH 1/16W 22 M.RESISTOR CH 1/16W 56	2		R5009-12	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 1K	4	
R3413 R3414	ERJ2GEJ560 ERJ2GEJ331		'		R5015	ERJ2GEJ102 ERJ2GEJ471		2	
R3414	ERJ2GEJ331 ERJ2GEJ473	M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 47K	'		R6003,04 R6008	ERJ2GEJ471 ERJ2GEJ471	M.RESISTOR CH 1/16W 470 M.RESISTOR CH 1/16W 470	1	
R3415	1		-		1 10008	LI NACOEU4/ I	M. 1E010100 00 1/10W 4/U	+ '	
R3417	ERJ3GEYG472 ERJ2GE0R00	M.RESISTOR CH 1/16W 4.7K M.RESISTOR CH 1/16W 0	1		RA2001	EXB28V473J	COMBI.R-R 47K	-	
R3418	ERJ2GEURUU ERJ2GEJ222	M.RESISTOR CH 1/16W 0	- 1		RA2001	EXB28V473J EXB28V102J	COMBI.R-R 4/K	2	
R3419 R3420,21	ERJ2GEJ222 ERJ2GE0R00	M.RESISTOR CH 1/16W 2.2K	2		RA2002,03	EXB28V102J EXB24V331J	COMBI.R-R 330	1	
R3420,21	ERJ2GEURUU ERJ2GEJ473	M.RESISTOR CH 1/16W 0	1		RA2004	EXB24V331J EXB24V332J	COMBI.R-R 3.3K	-	
R3423-25	ERJ2GE0R00	M.RESISTOR CH 1/16W 4/K	3		11/12/000		55B 5.5K	<u> </u>	
R3427	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1		T1051	G5DYZ0000005	DC/DC TRANSFORMER	1	
R3430	ERJ2GE0R00	M.RESISTOR CH 1/16W 4/K	1		. 1001	302.2000003	= 2,50	! '	
R3432	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1		X2001	H0J270500024	CRYSTAL OSCILLATOR	1	
R3434,35	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	2		X2002	H0J327200051	CRYSTAL OSCILLATOR	1	
R3441	ERJ2GEJ331	M.RESISTOR CH 1/16W 330	1		X3201	H0J245500021	CRYSTAL OSCILLATOR	1	
R3501	ERJ2GEJ563	M.RESISTOR CH 1/16W 56K	1					t	
R3503	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1			<u> </u>	MISCELLANEOUS		
R3504	ERJ2GEJ472	M.RESISTOR CH 1/16W 4.7K	1						
R3505	ERJ2GEJ222	M.RESISTOR CH 1/16W 2.2K	1			VSC5090	HEAD AMP SHIELD CASE	1	
R3506	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1						
R3510	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1						
R3513	ERJ2GEJ182	M.RESISTOR CH 1/16W 1.8K	1						
R3514	ERJ2GEJ392	M.RESISTOR CH 1/16W 3.9K	1						
R3520	ERJ2GEJ222	M.RESISTOR CH 1/16W 2.2K	1						
R3522	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1		■ E2	VEP23525A	CAMERA C.B.A.	1	(RTL)
R3523	ERJ2GEJ333	M.RESISTOR CH 1/16W 33K	1						
R3524	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1						
R3525	ERJ2GEJ222	M.RESISTOR CH 1/16W 2.2K	1		C101	ECJ0WB1C103K	C.CAPACITOR CH 16V 0.01U	1	
R3526	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1		C102	ECJ2YB1C474K	C.CAPACITOR CH 16V 0.47U	1	
R3528	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1		C103	ECJ1VB0J105K	C.CAPACITOR CH 35V 1M	1	
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C104	ECST0JY156	T.CAPACITOR CH6.3V 15U	1		C735,36	ECJ0WB1C103K	C.CAPACITOR CH 16V 0.01U	2	
C105	F3F0G476A009	T.CAPACITOR CH 4V 47U	1		C737	ECJ0EB1E472K	C.CAPACITOR CH 25V 4700P	1	
C106	ECJ0WB1C103K	C.CAPACITOR CH 16V 0.01U	1		C738	ECJ0WB1C103K	C.CAPACITOR CH 16V 0.01U	1	
C107	ECJ2YB1C474K	C.CAPACITOR CH 16V 0.47U	1		C739	ECJ1VB0J105K	C.CAPACITOR CH 35V 1M	1	
C109	F1G1H100A448	C.CAPACITOR CH 50V 10P	1		C740	ECJ0EB1E102K	C.CAPACITOR CH 25V 1000P	1	
C110	ECJ1ZB1C104K	C.CAPACITOR CH 16V 0.1U	1		C741	ECJ0EB1E472K	C.CAPACITOR CH 25V 4700P	1	
C111	F1G1H100A448	C.CAPACITOR CH 50V 10P	1		C742	ECJ1VB1A224K	T.CAPACITOR CH 10V 0.22U	1	
C112	F1G1H270A469	C.CAPACITOR CH 50V 27P	- 1		C742	ECJ2YB1A105K	C.CAPACITOR CH 10V 0.220	-	
	1		1					-	
C113	ECST0GY226	T.CAPACITOR CH 4V 22U	_		C744	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1	
C114	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1		C745	F3F0G476A009	T.CAPACITOR CH 4V 47U	1	
C117-25	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	9		C746	ECJ1VB0J105K	C.CAPACITOR CH 35V 1M	1	
C126,27	1	C.CAPACITOR CH 16V 0.1U	2		C747		C.CAPACITOR CH 16V 0.01U	1	
C128	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1		C748	ECJ1VB0J105K	C.CAPACITOR CH 35V 1M	1	
C129	ECST1DX106ZR	T.CAPACITOR CH 20V 10U	1		C749	ECJ0EB1E102K	C.CAPACITOR CH 25V 1000P	1	
C130	ECST1VY105Z	T.CAPACITOR CH 35V 1U	1		C750	ECJ0EB1E472K	C.CAPACITOR CH 25V 4700P	1	
C131	ECJ2YB1C474K	C.CAPACITOR CH 16V 0.47U	1		C751	ECJ0EB1E471K	C.CAPACITOR CH 25V 470P	1	
C132	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1		C752	F1G1E392A056	C.CAPACITOR CH 25V 3900P	1	
C133	ECST0JY106Z	T.CAPACITOR CH6.3V 10U	1		C753	ECJ0WB1C103K	C.CAPACITOR CH 16V 0.01U	1	
C134-39	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	6		C754	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1	
C140	ECJ0WB1C103K	C.CAPACITOR CH 16V 0.01U	1		C755	ECJ0EB1A473K	C.CAPACITOR CH 10V 0.047U	1	
C154	ECJ2YB1C474K	C.CAPACITOR CH 16V 0.47U	1		C757-59	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	3	
C304	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1	 	2.3.00			Ť	
C304	ECJ0EB1A104K	C.CAPACITOR CH 35V 1M	1		D101	MA6Z12100L	DIODE	-	
			2		1			3	
C306,07	ECSTOJY106Z	T.CAPACITOR CH6.3V 10U	_		D303-05	B0JCDD000002	DIODE	3	
C308-10	1	C.CAPACITOR CH 10V 0.1U	3		EB007	K4PW00D0000	CONNECTOR	+	
C311	ECST0JY106Z	T.CAPACITOR CH6.3V 10U	1		FP301	K1MN08B00038	CONNECTOR	1	
C312,13	1	C.CAPACITOR CH 10V 0.1U	2		FP302	K1MN05B00048	CONNECTOR	1	
C314	ECST0JY106Z	T.CAPACITOR CH6.3V 10U	1		FP701	K1MN45B00008	CONNECTOR	1	
C315	ECJ0EB1C153K	C.CAPACITOR CH 16V 0.015U	1			ļ			
C316	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1		IC101	MN52A1	IC	1	
C319	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1		IC102	C0DBZGA00010	IC	1	
C321,22	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	2		IC103	C0DBZFA00008	IC	1	
C325	ECJ1VB0J105K	C.CAPACITOR CH 35V 1M	1		IC104	C1AB00001320	IC	1	
C327	ECST0JY106Z	T.CAPACITOR CH6.3V 10U	1		IC105	C0JBAF000162	IC	1	
C328	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1		IC106	TC7SH32FU	IC	1	
C329	ECJ0EB1C153K	C.CAPACITOR CH 16V 0.015U	1		IC107,08	MB87882PFV	IC	2	C0ZBZ0000194
C330	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1		IC109	C0JBAB000276	IC	1	
C331	ECJ0WB1C103K		1		IC302	C1AB00001326	IC	1	
C333	ECST0JY106Z				IC303	†	IC	-	
	1	T.CAPACITOR CH6.3V 10U	1			MN7GD02B5D	IC IC	-	
C335	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U			IC304	TC7W74FU		1	
C337,38		C.CAPACITOR CH 50V 5P	2		IC305	MN103014KGH	IC	1	
C343	ECJ0EB1C153K	C.CAPACITOR CH 16V 0.015U	1		IC307	C3EBGG000003		1	
C344	ECJ0WB1C103K		1		IC308	C0JBAF000162	IC	1	
C348,49	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	2		IC309	C0FBAF000029	IC	1	
C350	ECJ0WB1C103K	C.CAPACITOR CH 16V 0.01U	1		IC311,12	TC7SH14FU	IC	2	
C701	ECJ1VB0J105K	C.CAPACITOR CH 35V 1M	1		IC313	TC7SH04FU	IC	1	
C702	ECJ0EB1E102K	C.CAPACITOR CH 25V 1000P	1		IC701	C0ABCA000053	IC	1	
C703	ECJ0EB1C822K	C.CAPACITOR CH 16V 8200P	1		IC702	C1AB00001159	IC	1	
C704	ECJ0EB1E222K	C.CAPACITOR CH 25V 2200P	1		IC703	C0CBAEC00006	IC	1	
C705	ECJ0EC1H390J	C.CAPACITOR CH 50V 39P	1		IC704	C1AB00001262	IC	1	
C706,07		C.CAPACITOR CH 16V 0.01U	2		IC705		IC	1	
C708	1	C.CAPACITOR CH 25V 2700P	1		IC706	C0ABAA000043	IC	1	
C709		C.CAPACITOR CH 25V 2200P	1		.3.33	2	-	+ '	
C709		C.CAPACITOR CH 25V 2200P	1		L101,02	VLQ0807K100	COIL 10UH	_	G1C100K00024
C710	1	C.CAPACITOR CH 25V 4700F	2		L101,02	VLQ0807K100 VLQ0807K100	COIL 10UH	_	G1C100K00024
	1							_	
C713	1	C.CAPACITOR CH 25V 470P	1		L106	VLQ0807K100	COIL 10UH	+	G1C100K00024
C714	1	T.CAPACITOR CH 4V 47U	1		L302-04	VLQ0807K100	COIL 10UH	_	G1C100K00024
C715	1	C.CAPACITOR CH 10V 0.1U	1		L307	VLQ0807K100	COIL 10UH	1	G1C100K00024
C716	1	C.CAPACITOR CH 25V 1000P	1		L308,09	G1C100K00019	COIL 10UH	2	
C717		C.CAPACITOR CH 16V 0.22U	1		L701	VLQ0807K100	COIL 10UH	+	G1C100K00024
C718	ECJ0EC1H151J	C.CAPACITOR CH 50V 150P	1		L702	VLQ0807K220	COIL 22UH	1	G1C220K00016
C719	ECJ1VB1A224K	T.CAPACITOR CH 10V 0.22U	1		L703	VLQ0807K100	COIL 10UH	1	G1C100K00024
C720	ECJ1VB0J105K	C.CAPACITOR CH 35V 1M	1					$oldsymbol{ol}}}}}}}}}}}}}} $	
C721	ECJ2YB1A105K	C.CAPACITOR CH 10V 1U	1		LB101	J0JAD0000002	FILTER	1	
C722	ECJ1VB0J105K	C.CAPACITOR CH 35V 1M	1		LB104	J0JAD0000002	FILTER	1	
C723	ECJ2YB1A105K	C.CAPACITOR CH 10V 1U	1						
C724	1	T.CAPACITOR CH 20V 4.7U	1		PP301	K1KAC0A00014	CONNCTOR (MALE)	1	
C725	1	C.CAPACITOR CH 10V 0.1U	1				` '	†	
C727,28	1	C.CAPACITOR CH 10V 0.1U	2	 	PS201	K1KB34A00022	CONNCTOR (FEMALE)	1	
C727,28	1	C.CAPACITOR CH 10V 0.10	1		1 3201		OOTOTOTT (I LIVIALL)	+ '	
			1		0101	25B070V	TRANSISTOR	-	
C730		C.CAPACITOR CH 25V 3900P			Q101	2SB970X	TRANSISTOR	1	
C731	1	C.CAPACITOR CH 50V 150P	1		Q102	+	TRANSISTOR	1	
C732	ECJ1VB0J105K	C.CAPACITOR CH 35V 1M	1		Q301	2SB970X	TRANSISTOR	1	
C733		T.CAPACITOR CH 10V 0.22U	1		Q302	2SD2216J0L	TRANSISTOR	1	
C734	ECJ0EB1E471K	C.CAPACITOR CH 25V 470P	1		Q303	XP1501	TRANSISTOR-RESISTOR	1	
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	s Remarks
Q304	B1ADCF000059	TRANSISTOR	1		R368	ERJ2GEJ472	M.RESISTOR CH 1/16W 4.7K	1	
Q305	XP1501	TRANSISTOR-RESISTOR	1		R369	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1	
Q701,02	2SB970X	TRANSISTOR	2		R370	ERJ2GEJ105	M.RESISTOR CH 1/16W 1M	1	
Q703	2SD2216J0L	TRANSISTOR	1		R371,72	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	2	,
Q704	R2T2SD601AX	TRANSISTOR	1	2SD0601A0L	R373,74	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	2	
Q705	2SB970X	TRANSISTOR	1	200000000	R375	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1	
Q703	230970X	THANSISTON	-					H	+
ODood	D4 ODDE 100000	TRANSISTOR			R376	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K		
QR301		TRANSISTOR	1		R377,78	ERJ2GEJ471	M.RESISTOR CH 1/16W 470	2	
QR303	XP0121500L	TRANSISTOR-RESISTOR	1		R379	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1	
QR701	UNR9211J0L	TRANSISTOR	1		R380	ERJ2GEJ221	M.RESISTOR CH 1/16W 220	1	
QR703	UNR9211J0L	TRANSISTOR	1		R381	ERJ2RHD272	M.RESISTOR CH 1/16W 2.7K	1	
					R382	ERJ2GEJ471	M.RESISTOR CH 1/16W 470	1	1
R101	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1		R383	ERJ2RHD272	M.RESISTOR CH 1/16W 2.7K	1	
R103,04	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	2		R384	ERJ2RHD161	M.RESISTOR CH 1/16W 160	1	
R105	ERJ2GEJ104	M.RESISTOR CH 1/16W 100K	1		R385	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1	
R106-08	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	3		R386	ERJ2RHD272	M.RESISTOR CH 1/16W 2.7K	1	
R109,10	ERJ2GEJ221	M.RESISTOR CH 1/16W 220	2		R387	ERJ2GEJ222	M.RESISTOR CH 1/16W 2.2K	1	
			-					H	+
R111	ERJ2GEJ181	M.RESISTOR CH 1/16W 180	1		R388	ERJ2RHD332	M.RESISTOR CH 1/16W 3.3K	믄	
R112	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1		R389	ERJ2RHD682	M.RESISTOR CH 1/16W 6.8K	_1	
R113	ERJ2GEJ392	M.RESISTOR CH 1/16W 3.9K	1		R390	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	└ ¹	
R114	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	1		R391,92	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	2	4
R115	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1		R399,00	ERJ2GEJ471	M.RESISTOR CH 1/16W 470	2	!
R116	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	1		R420	ERJ2GEJ471	M.RESISTOR CH 1/16W 470	1	
R117-19	ERJ2GEJ105	M.RESISTOR CH 1/16W 1M	3		R427	ERJ2GEJ271	M.RESISTOR CH 1/16W 270	1	
R120	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1		R428	ERJ2GEJ472	M.RESISTOR CH 1/16W 4.7K	1	
R121	ERJ2GEJ472	M.RESISTOR CH 1/16W 4.7K	1		R429,30	ERJ2GEJ471	M.RESISTOR CH 1/16W 470	2	
R122-25	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	4		R701	ERJ2GEJ272	M.RESISTOR CH 1/16W 2.7K	1	
R126	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1		R702	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	H	
R128,29	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	2		R702,04	ERJ2GEJ473 ERJ2GEJ272	M.RESISTOR CH 1/16W 2.7K	2	,
	ļ		1					H.	
R131,32	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	2		R705	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	\vdash^1	1
R134	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1		R706	ERJ2GEJ472	M.RESISTOR CH 1/16W 4.7K	1	
R137	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1		R707	ERJ2GEJ104	M.RESISTOR CH 1/16W 100K	1	
R138	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1		R708	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	_ 1	
R140	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1		R710	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1	1
R141,42	ERJ2GEJ332	M.RESISTOR CH 1/16W 3.3K	2		R711	ERJ2GEJ222	M.RESISTOR CH 1/16W 2.2K	1	
R148-53	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	6		R712	ERJ2GEJ472	M.RESISTOR CH 1/16W 4.7K	1	
R304	ERJ2GEJ393	M.RESISTOR CH 1/16W 39K	1		R713	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1	
R306	ERJ2RHD271	M.RESISTOR CH 1/16W 270	1		R714	ERJ2GEJ333	M.RESISTOR CH 1/16W 33K	1	
R307	ERJ2RKD820	M.RESISTOR CH 1/16W 82	1		R715	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	Ė	
			2					3	,
R308,09	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	2		R716-18	ERJ2GEJ472	M.RESISTOR CH 1/16W 4.7K	3	1
R310,11	ERJ2GEJ472	M.RESISTOR CH 1/16W 4.7K	<u> </u>		R719	ERJ2GEJ274	M.RESISTOR CH 1/16W 270K	H.	
R312	ERJ2GEJ682	M.RESISTOR CH 1/16W 6.8K	1		R720	ERJ2GEJ333	M.RESISTOR CH 1/16W 33K	1	
R313	ERJ2GEJ472	M.RESISTOR CH 1/16W 4.7K	1		R721	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1	
R314	ERJ2GEJ152	M.RESISTOR CH 1/16W 1.5K	1		R722	ERJ2GEJ224	M.RESISTOR CH 1/16W 220K	1	
R315	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1		R723,24	ERJ6RBB472	M.RESISTOR CH 1/10W 4.7K	2	
R316	ERJ2GEJ333	M.RESISTOR CH 1/16W 33K	1		R725,26	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	2	4
R317	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1		R727	ERJ2GEJ224	M.RESISTOR CH 1/16W 220K	1	
R318	ERJ2GEJ333	M.RESISTOR CH 1/16W 33K	1		R728	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1	
R319	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1		R729	ERJ2GEJ472	M.RESISTOR CH 1/16W 4.7K	1	
R320		M.RESISTOR CH 1/16W 10K	1		R730		M.RESISTOR CH 1/16W 10K	1	
R321		M.RESISTOR CH 1/16W 47K	1		R731	ERJ2GEJ124	M.RESISTOR CH 1/16W 120K	T ₁	
R322	ERJ2GEJ473 ERJ2GEJ472	M.RESISTOR CH 1/16W 4/K	-		R732	ERJ2GEJ333	M.RESISTOR CH 1/16W 120K	H	1
			-					H.	
R323,24	ERJ2GEJ221	M.RESISTOR CH 1/16W 220	2		R733	ERJ2GEJ563	M.RESISTOR CH 1/16W 56K	+	
R326		M.RESISTOR CH 1/16W 47K	1		R734,35	ERJ3GEYJ2R2	M.RESISTOR CH 1/16W 2.2	2	
R327	ERJ2GEJ472	M.RESISTOR CH 1/16W 4.7K	1		R736	ERJ6GEYJ3R9	M.RESISTOR CH 1/10W 3.9	⊢ ¹	1
R328	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	1		R737	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1	1
R329-34	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	6		R738	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	_ 1	
R335	ERJ2GEJ333	M.RESISTOR CH 1/16W 33K	_ 1		R739	ERJ2GEJ472	M.RESISTOR CH 1/16W 4.7K	<u> </u>	
R336	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1		R740	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	1	
R338	ERJ2GEJ333	M.RESISTOR CH 1/16W 33K	1		R741	ERJ2GEJ182	M.RESISTOR CH 1/16W 1.8K	1	
R339	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	1		R742,43	ERJ2GEJ472	M.RESISTOR CH 1/16W 4.7K	2)
R340,41	ERJ2GEJ101	M.RESISTOR CH 1/16W 100	2		R744	ERJ2GEJ104	M.RESISTOR CH 1/16W 100K	1	
R342	ERJ2GEJ101 ERJ2GEJ102	M.RESISTOR CH 1/16W 100	1		R745	ERJ2GE0R00	M.RESISTOR CH 1/16W 100K	H	
	-	M.RESISTOR CH 1/16W 47K	+					-	
R343	ERJ2GEJ473		-		R746	ERJ2GEJ155	M.RESISTOR CH 1/16W 1.5M	⊢:	
R345	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1		R747	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	\vdash^1	1
R346	ERJ2GEJ122	M.RESISTOR CH 1/16W 1.2K	1		R748	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	\vdash^1	
R347,48	ERJ2GEJ105	M.RESISTOR CH 1/16W 1M	2		R749	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	L ₁	
R349	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1		R750	ERJ2GEJ393	M.RESISTOR CH 1/16W 39K	_ 1	
R350	ERJ2GEJ101	M.RESISTOR CH 1/16W 100	1		R751	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	_1	
R351	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1		R752	ERJ2GEJ333	M.RESISTOR CH 1/16W 33K	1	
R352	ERJ2GEJ332	M.RESISTOR CH 1/16W 3.3K	1		R753	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	1	
R354,55	ERJ2GEJ332	M.RESISTOR CH 1/16W 3.3K	2		R754	ERJ2GEJ224	M.RESISTOR CH 1/16W 220K	1	
R357	ERJ2GEJ104	M.RESISTOR CH 1/16W 100K	1		R755	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	H	
11007	102 GLU 1 UT		<u> </u>		R756	ERJ2GEJ473 ERJ2GEJ124	M.RESISTOR CH 1/16W 47K	H	
B350-66		IM RESISTOR CH 1/16W/ 1K			11730	L. 102 OLU 124	WILLESISTOT OF THE TOWN 120K	₽.'	
R359-66	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	8			ED IOCE HOT	M DESISTOR OU 1/10M 100	-	
R359-66 R367		M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 3.3K	1		R757	ERJ2GEJ101	M.RESISTOR CH 1/16W 100	1	1
	ERJ2GEJ102		1			ERJ2GEJ101	M.RESISTOR CH 1/16W 100	1	

Decision Processing Proce		7					,	T		_
Process Proc	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	s Remarks
Process Proc	R758	ERJ2GEJ563	M.RESISTOR CH 1/16W 56K	1		R4801-04	ERJ6GEYG392	M.RESISTOR CH 1/10W 3.9K	4	1
PRINCE DIAMPS D				1					1	1
PASS BARBORDE MERBETTOR CHINNO SER									2	
PAID PAID		1				1			+	1
March Marc		+		_						,
PART PART				_					-	
PASSES P				-					+-'	
PASS PASSES PAS		+		1					- 2	4
Manual M		+		1					1	4
Prof. Proc. Proc	R767	+		1		R4815,16			-	
MARCINITO MARCINITO CHANGE NO 1	R768	ERJ3GEYJ3R3	M.RESISTOR CH 1/16W 3.3	1		R4817,18	ERJ2GEJ153	M.RESISTOR CH 1/16W 15K	2	2
PAISON P	R769	ERJ2GEJ684	M.RESISTOR CH 1/16W 680K	1		R4823	ERJ2GEJ223	M.RESISTOR CH 1/16W 22K	1	1
PAY20 PAY	R770	ERJ2GEJ101	M.RESISTOR CH 1/16W 100	1		R4824	ERJ2GEJ333	M.RESISTOR CH 1/16W 33K	1	1
PAYSE PAYS	R771	ERJ3GEYJ3R3	M.RESISTOR CH 1/16W 3.3	1		R4825	ERJ2GEJ472	M.RESISTOR CH 1/16W 4.7K	1	1
PRINCE P	R772	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1		R4826,27	ERJ2GEJ104	M.RESISTOR CH 1/16W 100K	2	2
READER AZE MERSONO CH 1999 276 1	R773	ERJ2GEJ334	M.RESISTOR CH 1/16W 330K	1		R4828	ERJ2GEJ472	M.RESISTOR CH 1/16W 4.7K	1	1
PATTA	R774	ERJ2GEJ563	M.RESISTOR CH 1/16W 56K	1		R4839	ERJ2GEJ472	M.RESISTOR CH 1/16W 4.7K	1	1
PATTO PARCELOT MERBESTOR OF 1999 276 1	B775	EBJ3GEYJ221		1					T	
Part Part		-		1				MISCELL ANEOLIS	+	1
Part Part		+		-				MISCELLAINEGGS	+	+
Print Public P		+) # 4T-4-04	MO DUMBED	١.	
Part Part		1				-			1	
### PROFESSION OF HIS PROFESS		1					VWJ1453	MIC CONNECTION FLAX	1	
PROFESSION RESISTOR CH 1976W 10K 1		1		_					1	
READELSING	R781	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1						
READER-1473 READER-1473	R782-85	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	4					L	
Page Page	R786	ERJ2GEJ393	M.RESISTOR CH 1/16W 39K	1		L				
### PROPRIESED MICHIGATION CH. 1989 16 17 17 17 17 17 17 17	R787	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1						
Prince EAUDOLING MRSISTOR CH 11990 0 0 0 0 0 0 0 0 0	R788	ERJ2GEJ182	M.RESISTOR CH 1/16W 1.8K	1		■ E4	VEP04767A	MIC JACK C.B.A.	1	(RTL)
PRIVATE PRIV	R789	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	1					T	
PR98		+		3					T	†
Prof. En.CE.222 M.ESISTOR CH 179W 26K 1 C4960 FH-MIDSANDS C.APACTTOR CH8 37		+				C4901.02	ECJ0EB1E222K	C.CAPACITOR CH 25V 2200P	2	2
### PROBLEMAN ### PROPRIESSON ### PROBLEMAN				1					+-	
FAMERICANS CAPACITOR CHAY		+							+ '	
PRINCE P		1		_					+	
PR296 BRLOGELID24 ALRESISTOR CH 1196W 260K 2 C4912 FINALIDADOS CAPACITOR CH 3W 5M 1 1 1 C4915 FINALIDADOS CAPACITOR CH 3W 5M 1 1 1 C4915 FINALIDADOS CAPACITOR CH 3W 5M 1 1 C4915 FINALIDADOS CAPACITOR CH 19W 10W 1 1 C4915 FINALIDADOS CAPACITOR CH 19W 10W 1 1 C4915 FINALIDADOS CAPACITOR CH 19W 10W 1 1 C4916									+	
REPTI		1		_					+ '	
C4915 F1G1C228A004 C.CAPACITOR CH 19V 0.022U 1		+							1 3	1
W10206 ER_GREGEPROD MRESISTOR CH 119W 0 1 C4916 C.GRESITOR CH 10W 0.1U 1 1 C4925 CAPACITOR CH 10W 0.1U 1 1 C4925 F3EL106A005 1 C4925 F3EL106A005 1 C4925 F3EL106A005 T.CAPACITOR CH 6.3V 10U 1 1 C4925 T.CAPACITOR CH 6.3V 10U 1 1 T.CAPACITOR CH 6.3V 10U 1 T.CAPACITOR CH 6.3V 10U 1 T.CAPACITOR CH 6.3V 10U 1 T.CAPACITOR CH 6.3V 10U 1 T.CAPACITOR CH 6.3V 10U 1 T.CAPACITOR CH 6.3V 10U 1 T.CAPACITOR CH 6.3V 10U 1 T.CAPACITOR CH 6.3V 10U 1 T.CAPACITOR CH 6.3V 10U 1 T.CAPACITOR CH 6.3V 10U 1 T.CAPACITOR CH 6.3V 10U 1 T.CAPACITOR CH 6.3V 10U 1 T.CAPACITOR CH 6.3V 10U 1	R6791	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1					1	4
W308						C4915	F1G1C223A004		1	1
W0311	W102-05	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	4		C4916	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1	1
W311	W306	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1		C4917	F1G1C223A004	C.CAPACITOR CH 16V 0.022U	1	1
MIA3155B0002 CRYSTAL OSCILLATOR 1	W308	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1		C4925	F3E0J106A005	T.CAPACITOR CH6.3V 10U	1	1
X302 H0J270500024 CRYSTAL OSCILATOR 1	W311	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1		C4955	F1J0J475A006	C.CAPACITOR CH6.3V 1U	1	1
X302 H0J270500024 CRYSTAL OSCILATOR 1										
FP4901	X101	H1A3155B0002	CRYSTAL OSCILLATOR	1		FL4901,02	J0MAB0000110	FILTER	2	2
FP4902 K1MN17B00015 CONNECTOR 1 1 FP4903 K1MN06A00036 CONNECTOR 1 1 FP4903 K1MN06A00036 CONNECTOR 1 1 ■ ■ E3 VEX229 MIC ASSY 1 (RTL) ■ ■ E3 VEX229 MIC ASSY 1 (RTL) □ A4901 B1ABCF000037 JACK 1 1 □ A4902 B1ADCF000037 TRANSISTOR 1 1 □ A4902 B1ADCF000032 TRANSISTOR 1 1 □ A4902 B1ADCF000032 TRANSISTOR 1 1 □ A4903 ECJ0EB1A475K CAPACITOR CH 16V 0.033U 1 1 □ A4903 B1ADCF000037 TRANSISTOR 1 1 □ A4903 B1ADCF000037 TRANSISTOR 1 1 □ A4903 B1ADCF000037 TRANSISTOR 1 1 □ A4904 ECJ0EB1A175K CAPACITOR CH 25V 330P 1 □ A4905-07 B1ABCF000037 TRANSISTOR 1 1 1 □ A4905-07 B1ABCF000037 TRANSISTOR 1 1 1 □ A4906-07 B1ABCF000037 TRANSISTOR 1 1 1 □ A4906-07 B1ABCF000037 TRANSISTOR 1 1 1 □ A4906-07 B1ABCF000037 TRANSISTOR 1 1 1 □ A4907-07 B1ABCF000037 TRANSISTOR 1 1 1 □ A4907-07 B1ABCF000037 TRANSISTOR 1 1 1 □ A4907-07 B1ABCF000037 TRANSISTOR 1 1 1 1 □ A4907-07 B1ABCF000037 TRANSISTOR 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	X302	H0J270500024	CRYSTAL OSCILLATOR	1						
FP4902 K1MN17B00015 CONNECTOR 1 1 FP4903 K1MN06A00036 CONNECTOR 1 1 FP4903 K1MN06A00036 CONNECTOR 1 1 ■ ■ E3 VEX229 MIC ASSY 1 (RTL) ■ ■ E3 VEX229 MIC ASSY 1 (RTL) □ A4901 B1ABCF000037 JACK 1 1 □ A4902 B1ADCF000037 TRANSISTOR 1 1 □ A4902 B1ADCF000032 TRANSISTOR 1 1 □ A4902 B1ADCF000032 TRANSISTOR 1 1 □ A4903 ECJ0EB1A475K CAPACITOR CH 16V 0.033U 1 1 □ A4903 B1ADCF000037 TRANSISTOR 1 1 □ A4903 B1ADCF000037 TRANSISTOR 1 1 □ A4903 B1ADCF000037 TRANSISTOR 1 1 □ A4904 ECJ0EB1A175K CAPACITOR CH 25V 330P 1 □ A4905-07 B1ABCF000037 TRANSISTOR 1 1 1 □ A4905-07 B1ABCF000037 TRANSISTOR 1 1 1 □ A4906-07 B1ABCF000037 TRANSISTOR 1 1 1 □ A4906-07 B1ABCF000037 TRANSISTOR 1 1 1 □ A4906-07 B1ABCF000037 TRANSISTOR 1 1 1 □ A4907-07 B1ABCF000037 TRANSISTOR 1 1 1 □ A4907-07 B1ABCF000037 TRANSISTOR 1 1 1 □ A4907-07 B1ABCF000037 TRANSISTOR 1 1 1 1 □ A4907-07 B1ABCF000037 TRANSISTOR 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						FP4901	K1MN27B00008	CONNECTOR	1	1
■ E3 VEX9239 MIC ASSY 1 (RTL) ■ E3 VEX9239 MIC ASSY 1 (RTL) □ E3 VEX9239 MIC ASSY 1 (RTL) □ E40									١.	1
■E3 VEK9239 MIC ASSY 1 (RTL) ■E3 VEK9239 MIC ASSY 1 (RTL) □ 4901 B1ABCF000087 TRANSISTOR 1 □ 4902 B1ADCF000082 TRANSISTOR 1 □ 4903 B1ABCF000087 TRANSISTOR 1 □ 4904 B1ABCF000087 TRANSISTOR 1 □ 4904 B1ABCF000087 TRANSISTOR 1 □ 4905 B1ABCF000087 TRANSISTOR 1 □ 4904 B1ABCF000087 TRANSISTOR 1 □ 4905 B1ABCF000087 TRANSISTOR 1 □ 4905 B1ABCF000087 TRANSISTOR 1 □ 4906 B1ABCF000087 TRANSISTOR 1 □ 4906 B1ABCF000087 TRANSISTOR 1 □ 4906 B1ABCF000087 TRANSISTOR 1 □ 4906 B1ABCF000087 TRANSISTOR 1 □ 4906 B1ABCF000087 TRANSISTOR 1 □ 4906 B1ABCF000087 TRANSISTOR 1 □ 4906 B1ABCF000087 TRANSISTOR 1 □ 4906 B1ABCF000087 TRANSISTOR 1 □ 4906 B1ABCF000087 TRANSISTOR 1 □ 4906 B1ABCF000087 TRANSISTOR 1 □ 4906 B1ABCF000087 TRANSISTOR 1 □ 4906 B1ABCF000087 TRANSISTOR 1 □ 4906 B1ABCF000087 TRANSISTOR 1 □ 4906 B1ABCF000087 TRANSISTOR 1 □ 4906 B1ABCF000087 TRANSISTOR 1 □ 4906 B1ABCF000087 TRANSISTOR 1 □ 4906 B1ABCF000087 TRANSISTOR 1 □ 4906 B1ABCF000087 TRANSISTOR 1 □ 4907 B1ABCF000087 TRANSISTOR 1 □ 4908 B1ABCF000087 TRANSISTOR 1 □ 4908 B1ABCF000087 TRANSISTOR 1 □ 4908 B1ABCF000087 TRANSISTOR 1 □ 4908 B1ABCF000087 TRANSISTOR 1 □ 4908 B1ABCF000087 TRANSISTOR 1 □ 4909 B1ABCF000087 TRANSISTOR 1 □ 490									+	1
■E3 VEK9239 MIC ASSY 1 (RTL) C4801 F1G1C333A004 C.CAPACITOR CH 16V 0.033U 1 C4802.03 ECJDEB1A473K C.CAPACITOR CH 16V 0.047U 2 C4804 ECJDEB1A473K C.CAPACITOR CH 10V 0.047U 1 C4805 ECJDEB1A473K C.CAPACITOR CH 10V 0.047U 1 C4806 F1G1C333A004 C.CAPACITOR CH 10V 0.047U 1 C4807 ECJDEB1A104K C.CAPACITOR CH 10V 0.047U 1 C4808 ECJDEB1A104K C.CAPACITOR CH 10V 0.047U 1 C4809 ECJDEB1A104K C.CAPACITOR CH 10V 0.047U 1 C4800 ECJDEB1A104K C.CAPACITOR CH 10V 0.047U 1 C4801 ECJDEB1A104K C.CAPACITOR CH 10V 0.047U 1 C4802 ECJDEB1A104K C.CAPACITOR CH 10V 0.047U 1 C4803 ECJDEB1A104K C.CAPACITOR CH 10V 0.047U 1 C4804 ECJDEB1A104K C.CAPACITOR CH 10V 0.047U 1 C4805 ECJDEB1A104K C.CAPACITOR CH 10V 0.047U 1 C4806 ECJDEB1A104K C.CAPACITOR CH 10V 0.047U 1 C4807 ECJDEB1A104K C.CAPACITOR CH 10V 0.047U 1 C4810 ECJDEB1A104K C.CAPACITOR CH 10V 0.047U 1 C4811 ECJDWB1C103K C.CAPACITOR CH 10V 0.047U 1 C4816 ECJDWB1C103K C.CAPACITOR CH 10V 0.047U 1 C4817 F3EQJ106A005 T.CAPACITOR CH 16V 0.01U 1 C4817 F3EQJ106A005 T.CAPACITOR CH 16V 0.01U 1 C4817 F3EQJ106A005 T.CAPACITOR CH 6V 0.01U 1 C4818 ECJDWB1C103K C.CAPACITOR CH 6V 0.01U 1 C4819 F3EQJ106A005 T.CAPACITOR CH 6V 0.01U 1 C4810 ECJDWB1C103K C.CAPACITOR CH 6V 0.01U 1 C4810 ECJDWB1C103K C.CAPACITOR CH 6V 0.01U 1 C4810 ECJDWB1C103K C.CAPACITOR CH 6V 0.01U 1 C4811 F3EQJ106A005 T.CAPACITOR CH 6V 0.01U 1 C4812 F3EQJ106A005 T.CAPACITOR CH 6V 0.01U 1 C4813 F3EQJ106A005 T.CAPACITOR CH 6V 0.01U 1 C4814 F3EQJ106A005 T.CAPACITOR CH 6V 0.01U 1 C4815 F3EQJ106A005 T.CAPACITOR CH 6V 0.01U 1 C4816 ECJDWB1C103K C.CAPACITOR CH 6V 0.01U 1 C4817 F3EQJ106A005 T.CAPACITOR CH 6V 0.01U 1 C4818 F3EQJ106A005 T.CAPACITOR CH 6V 0.01U 1 C4819 F3EQJ106A005 T.CAPACITOR CH 6V 0.01U 1 C4810 F3EQJ106A005 T.CAPACITOR CH 6V 0.01U 1 C4810 F3EQJ106A005 T.CAPACITOR CH 6V 0.01U 1 C4811 F3EQJ106A005 T.CAPACITOR CH 6V 0.01U 1 C4812 F3EQJ106A005 T.CAPACITOR CH 6V 0.01U 1 C4813 CAPACITOR CH 6V 0.01U 1 C4814 CAPACITOR CH 6V 0.01U 1 C4815 F3EQJ106A005 T.CAPACITOR CH 6V 0.01U 1 C4816 CAPACITOR CH 6V 0.						11 1000	1000000	00.11.120.01.1	+	1
■E3 VEK9239 MIC ASSY 1 (RTL) C4801 F1G1C333A004 C.CAPACITOR CH 16V 0.033U 1 C4802.03 ECJDEB1A473K C.CAPACITOR CH 16V 0.047U 2 C4804 ECJDEB1A473K C.CAPACITOR CH 10V 0.047U 1 C4805 ECJDEB1A473K C.CAPACITOR CH 10V 0.047U 1 C4806 F1G1C333A004 C.CAPACITOR CH 10V 0.047U 1 C4807 ECJDEB1A104K C.CAPACITOR CH 10V 0.047U 1 C4808 ECJDEB1A104K C.CAPACITOR CH 10V 0.047U 1 C4809 ECJDEB1A104K C.CAPACITOR CH 10V 0.047U 1 C4800 ECJDEB1A104K C.CAPACITOR CH 10V 0.047U 1 C4801 ECJDEB1A104K C.CAPACITOR CH 10V 0.047U 1 C4802 ECJDEB1A104K C.CAPACITOR CH 10V 0.047U 1 C4803 ECJDEB1A104K C.CAPACITOR CH 10V 0.047U 1 C4804 ECJDEB1A104K C.CAPACITOR CH 10V 0.047U 1 C4805 ECJDEB1A104K C.CAPACITOR CH 10V 0.047U 1 C4806 ECJDEB1A104K C.CAPACITOR CH 10V 0.047U 1 C4807 ECJDEB1A104K C.CAPACITOR CH 10V 0.047U 1 C4810 ECJDEB1A104K C.CAPACITOR CH 10V 0.047U 1 C4811 ECJDWB1C103K C.CAPACITOR CH 10V 0.047U 1 C4816 ECJDWB1C103K C.CAPACITOR CH 10V 0.047U 1 C4817 F3EQJ106A005 T.CAPACITOR CH 16V 0.01U 1 C4817 F3EQJ106A005 T.CAPACITOR CH 16V 0.01U 1 C4817 F3EQJ106A005 T.CAPACITOR CH 6V 0.01U 1 C4818 ECJDWB1C103K C.CAPACITOR CH 6V 0.01U 1 C4819 F3EQJ106A005 T.CAPACITOR CH 6V 0.01U 1 C4810 ECJDWB1C103K C.CAPACITOR CH 6V 0.01U 1 C4810 ECJDWB1C103K C.CAPACITOR CH 6V 0.01U 1 C4810 ECJDWB1C103K C.CAPACITOR CH 6V 0.01U 1 C4811 F3EQJ106A005 T.CAPACITOR CH 6V 0.01U 1 C4812 F3EQJ106A005 T.CAPACITOR CH 6V 0.01U 1 C4813 F3EQJ106A005 T.CAPACITOR CH 6V 0.01U 1 C4814 F3EQJ106A005 T.CAPACITOR CH 6V 0.01U 1 C4815 F3EQJ106A005 T.CAPACITOR CH 6V 0.01U 1 C4816 ECJDWB1C103K C.CAPACITOR CH 6V 0.01U 1 C4817 F3EQJ106A005 T.CAPACITOR CH 6V 0.01U 1 C4818 F3EQJ106A005 T.CAPACITOR CH 6V 0.01U 1 C4819 F3EQJ106A005 T.CAPACITOR CH 6V 0.01U 1 C4810 F3EQJ106A005 T.CAPACITOR CH 6V 0.01U 1 C4810 F3EQJ106A005 T.CAPACITOR CH 6V 0.01U 1 C4811 F3EQJ106A005 T.CAPACITOR CH 6V 0.01U 1 C4812 F3EQJ106A005 T.CAPACITOR CH 6V 0.01U 1 C4813 CAPACITOR CH 6V 0.01U 1 C4814 CAPACITOR CH 6V 0.01U 1 C4815 F3EQJ106A005 T.CAPACITOR CH 6V 0.01U 1 C4816 CAPACITOR CH 6V 0.						IK4901	K2HC105E0003	IACK	٠,	1
Q4901 B1ABCF000087 TRANSISTOR 1	= F0	VEKOOOO	MIC ACCIV	-	(DTL)	01(4301	RETIOTOSEGGG	UNO!	+	1
C4801 F1G1C333A004 C.CAPACITOR CH 16V 0.033U 1 C4802.03 ECJ0EB1A73K C.CAPACITOR CH 10V 0.047U 2 C4804 ECJ0EB1A73K C.CAPACITOR CH 10V 0.047U 2 C4804 ECJ0EB1A73K C.CAPACITOR CH 10V 0.047U 1 C4805 ECJ0EB1A73K C.CAPACITOR CH 16V 0.039U 1 C4806 F1G1C333A004 C.CAPACITOR CH 10V 0.047U 1 C4806 F1G1C333A004 C.CAPACITOR CH 10V 0.039U 1 C4806 F1G1C333A004 C.CAPACITOR CH 16V 0.039U 1 C4807 ECJ0EB1A73K C.CAPACITOR CH 16V 0.039U 1 C4808 ECJ0EB1A73K C.CAPACITOR CH 10V 0.047U 1 C4808 ECJ0EB1A73K C.CAPACITOR CH 10V 0.047U 1 C4808 ECJ0EB1A73K C.CAPACITOR CH 10V 0.047U 1 C4810 ECJ0EB1A73K C.CAPACITOR CH 16V 0.01U 1 C4810 ECJ0EB1C103K C.CAPACITOR CH 16V 0.01U 1 C4810 ERJ0ECF165 M.RESISTOR CH 1710W 10K 1 C4810 F360106A005 T.CAPACITOR CH 6.3V 10U 1 C4810 ERJ0ECF165 M.RESISTOR CH 1710W 56K 1 C4810 ERJ0ECF165 M.RESISTOR CH 1710W 56K 1 C4810 ERJ0ECF165 M.RESISTOR CH 1710W 56K 1 C4810 ERJ0ECF165 M.RESISTOR CH 1710W 10K 1 C4811 ERJ0ECF165 M.RESI	= ⊑3	v EI/3238	INIIO AOO I	- 1	(1112)	04004	D1ADOFOCCO	TRANSISTOR	+	
C4801 F1G1C333A004 C.CAPACITOR CH 16V 0.033U 1									+ '	
C4802_03		=	0.010.10175						+	
C4804 ECJ0EB1831K C.CAPACITOR CH 25V 330P 1		+		_					+-	1
C4805 ECJ0EB1A104K C.CAPACITOR CH 10V 0.1U 1 1		1								
C4806 F1G1C333A004 C.CAPACITOR CH 16V 0.033U 1	C4804	ECJ0EB1E331K	C.CAPACITOR CH 25V 330P	1		Q4905-07	B1ABCF000077	TRANSISTOR	3	3
C4807 ECJ0EB1A473K C.CAPACITOR CH 10V 0.047U 1	C4805	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1					\perp	
R4901 ERJ3GEYG682 M.RESISTOR CH 1/16W 6.8K 1	C4806	F1G1C333A004	C.CAPACITOR CH 16V 0.033U	1		QR4903,04	B1GBCFLL0022	TRANSISTOR	2	2
C4809 ECJ0EB1A104K C.CAPACITOR CH 10V 0.1U 1 1 1 1 1 1 1 1 1	C4807	ECJ0EB1A473K	C.CAPACITOR CH 10V 0.047U	1						
R4904 ERJ2GEJ104 M.RESISTOR CH 1/16W 100K 1	C4808	ECJ0EB1E331K	C.CAPACITOR CH 25V 330P	1		R4901	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	l l
R4904 ERJ2GEJ104 M.RESISTOR CH 1/16W 100K 1	C4809	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1		R4903	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	ı
C4814 ECJ0WB1C103K C.CAPACITOR CH 16V 0.01U 1 R4905 ERJ2GEJ471 M.RESISTOR CH 1/16W 470 1 R4906 ERJ6GEYG103 M.RESISTOR CH 1/10W 10K 1 R4907 ERJ6GEYG103 M.RESISTOR CH 1/10W 10K 1 R4907 ERJ6GEYG103 M.RESISTOR CH 1/10W 150K 1 R4908 ERJ6GEYG103 M.RESISTOR CH 1/10W 150K 1 R4908 ERJ6GEYG103 M.RESISTOR CH 1/10W 150K 1 R4909 ERJ2GEJ102 M.RESISTOR CH 1/10W 16K 1 R4909 ERJ2GEJ102 M.RESISTOR CH 1/16W 16K 1 R4909 ERJ2GEJ102 M.RESISTOR CH 1/16W 16K 1 R4910 ERJ2GEJ562 M.RESISTOR CH 1/16W 150 1 R4911 ERJ2GEJ562 M.RESISTOR CH 1/16W 150 1 R4912 ERJ2GEJ471 M.RESISTOR CH 1/16W 16W 170 1 R4912 ERJ2GEJ471 M.RESISTOR CH 1/10W 10K 1 R4914 ERJ6GEYG103 M.RESISTOR CH 1/10W 10K 1 R4915 ERJ6GEYG103 M.RESISTOR CH 1/10W 10K 1 R4915 ERJ6GEYG103 M.RESISTOR CH 1/10W 10K 1 R4916 ERJ2GEJ102 M.RESISTOR CH 1/10W 16K 1 R4916 ERJ2GEJ102 M.RESISTOR CH 1/10W 16K 1 R4917 ERJ2GEJ562 M.RESISTOR CH 1/10W 5.6K 1 R4917 ERJ2GEJ562 M		1		1					1	1
R496		1		_					1	1
R4907 F3E0J106A005 T.CAPACITOR CH6.3V 10U 1 R4908 F3E0J106A005 T.CAPACITOR CH6.3V 10U 1 R4908 F3E0J106A005 T.CAPACITOR CH6.3V 10U 1 R4908 F3E0J106A005 T.CAPACITOR CH6.3V 10U 1 R4909 F3E0J102 M.RESISTOR CH 1/10W 56K 1 R4909 F3E0J102 M.RESISTOR CH 1/16W 1K 1 R4910 F3E0J102 M.RESISTOR CH 1/16W 1K 1 R4910 F3E0J102 M.RESISTOR CH 1/16W 150 1 R4911 F3E0J102 F3E0J102 M.RESISTOR CH 1/16W 150 1 R4912 F3E0J102 F3E0J102 M.RESISTOR CH 1/16W 16W 1 R4912 F3E0J102 M.RESISTOR CH 1/10W 10W 1 R4913 F3E0J102 F3E0J102 M.RESISTOR CH 1/10W 150K 1 R4914 F3E0J102 F3E0J102 M.RESISTOR CH 1/10W 150K 1 R4915 F3E0J102 M.RESISTOR CH 1/10W 16W 1 R4915 F3E0J102 M.RESISTOR CH 1/10W 16W 1 R4916 F3E0J102 M.RESISTOR CH 1/16W 1K 1 R4916 F3E0J102 M.RESISTOR CH 1/16W 16W 1 R4917 F3E0J102 M.RESISTOR CH 1/16W 16W 1		1		_					+	
R4908 F3EQJ106A005 T.CAPACITOR CH6.3V 10U 1 R4908 ERJ6GEYG563 M.RESISTOR CH 1/10W 56K 1 1 1 1		1							+-	1
R4909		1		_					+-'	
R4910	U4830	F3EUJ 106A005	I.OAPACITOR ORb.3V 100	1					+	4
R4911 ERJ2GEJ151 M.RESISTOR CH 1/16W 150 1	ED 101	IZALAN IRAB I I I I	CONNECTOS						1	
R4912 R4912 R4913 R4913 R4913 R4914 R4914 R4915 R4915 R4915 R4915 R4916 R4916 R4917 R4918 R491	FP4801	K1MN06B00070	CONNECTOR	1					1	
R4913		ļ							1	1
M4801-04 WM-61B102A ECM 4 R4914 ERJ6GEYG154 M.RESISTOR CH 1/10W 150K 1 Q4805 2SD2216J0L TRANSISTOR 1 R4916 ERJ2GEJ102 M.RESISTOR CH 1/16W 1K 1 Q4810,11 2SD2216J0L TRANSISTOR 2 R4917 ERJ2GEJ562 M.RESISTOR CH 1/16W 5.6K 1	IC4801	C0ABBB000081	IC	1					1	1
R4915 ERJ6GEYG563 M.RESISTOR CH 1/10W 56K 1						R4913	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	1
Q4805 2SD2216J0L TRANSISTOR 1 R4916 ERJ2GEJ102 M.RESISTOR CH 1/16W 1K 1 Q4810,11 2SD2216J0L TRANSISTOR 2 R4917 ERJ2GEJ562 M.RESISTOR CH 1/16W 5.6K 1	M4801-04	WM-61B102A	ECM	4		R4914	ERJ6GEYG154	M.RESISTOR CH 1/10W 150K	1	1
Q4810,11 2SD2216J0L TRANSISTOR 2 R4917 ERJ2GEJ562 M.RESISTOR CH 1/16W 5.6K 1				L.		R4915	ERJ6GEYG563	M.RESISTOR CH 1/10W 56K	1	1
	Q4805	2SD2216J0L	TRANSISTOR	1		R4916	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1	i
	Q4810,11	2SD2216J0L	TRANSISTOR	2		R4917	ERJ2GEJ562	M.RESISTOR CH 1/16W 5.6K	1	ı
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R4919	ERJ2GEJ472	M.RESISTOR CH 1/16W 4.7K	- 1		IC481	L2ES00000005	IC	- 1	
	!		_ '		10461	L2E300000003	10	_ '	
R4920	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	1						
R4923	ERJ2GEJ104	M.RESISTOR CH 1/16W 100K	1		JK2501	K2HC104E0002	HEADPHONE JACK	1	
R4924	ERJ2GEJ222	M.RESISTOR CH 1/16W 2.2K	1		JK3951	K2HC106B0005	JACK	1	
					0110001	11211010000000	or to it	i i	
R4925	ERJ2GEJ223	M.RESISTOR CH 1/16W 22K	- 1						
R4926	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1		L481	G1C100K00019	COIL 10UH	1	
R4927	ERJ2GEJ104	M.RESISTOR CH 1/16W 100K	1						
R4928	ERJ2GEJ222	M.RESISTOR CH 1/16W 2.2K	1		⚠ LB2501,02	VLF1315A102	FILTER	2	J0JHC0000015
									3031100000013
R4929	ERJ2GEJ223	M.RESISTOR CH 1/16W 22K	1		LB2503,04	J0JCC0000089	FILTER	2	
R4930	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	- 1		LB3951	J0JCC0000087	SYSTEM E TERMINAL	- 1	
R4931,32	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	2		LB3952-54	J0JAD0000002	FILTER	3	
	1		-					-	
R4933	ENJOGETUNUU	M.RESISTOR CH 1/16W 0	- 1		LB3955	J0JHC0000032	FILTER	-	
					R2501,02	ERJ2GEJ101	M.RESISTOR CH 1/16W 100	2	
					R3955	ERJ2GEJ101	M.RESISTOR CH 1/16W 100	- 1	
					110000	LINDEGEOTOT	MINICOLOT ON 1710W 100	<u> </u>	
							MISCELLANEOUS		
■ E5	VEP22305B	FRONT C.B.A.	1	(RTL)					
				,		VWJ1451	AV-DV FLEX	-	
								_ '	
						VWJ1450	MIC JACK-AV FLEX	1	
C401	ECJ1ZB1C104K	C.CAPACITOR CH 16V 0.1U	1			VWJ1454	AV-CAMERA FLEX	1	
C402		C.CAPACITOR CH6.3V 1U	1						
	1		Ė			1		H	
C403	ECST0JY106Z	T.CAPACITOR CH6.3V 10U	1		l 	1		-	
C404	ECJ1ZB1C104K	C.CAPACITOR CH 16V 0.1U	1		L			<u></u>	
C6401	ECJ1ZB1C104K	C.CAPACITOR CH 16V 0.1U	- 1						
C6402	F3F0J226A007	T.CAPACITOR CH6.3V 22U	1			1		t	
			- '				BV 118V 8 B 1	٠.	(077)
C6403	ECJ1ZB1C104K	C.CAPACITOR CH 16V 0.1U	1		■ E7	VEP27213B	DV JACK C.B.A.	1	(RTL)
D6801	B3AAB0000052	TALLY LED	1						
<u> </u>			Ė		C451	F3F0J226A007	T.CAPACITOR CH6.3V 22U	-	
			\vdash					H'	
FP401	K1MN14B00048	CONNECTOR 14P	1		C453	ECJ0EB1E471K	C.CAPACITOR CH 25V 470P	1	
FP402	K1MN06B00070	CONNECTOR	- 1		C455	ECJ0EB1E471K	C.CAPACITOR CH 25V 470P	1	
					C456	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	- 1	
10.10.1			-					-	
IC401	M52944FP	IC	1	C1AB00000794	C458	F1L1A2260013	C.CAPACITOR CH 10V 22U	1	
					C459	ECJ0WB1C103K	C.CAPACITOR CH 16V 0.01U	1	
IR6401	VEK8283	REMOTE CONTROL RECEIVER	- 1	B3RZB0000001	C460	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1	
					C461		C.CAPACITOR CH 16V 0.01U	-1	
L401	G1C100K00019	COIL 10UH	1		C462	ECJ0EB1E222K	C.CAPACITOR CH 25V 2200P	1	
					C464	ECJ0EB1E222K	C.CAPACITOR CH 25V 2200P	- 1	
LB6401	J0JAD0000002	FILTER	1		C465	F1L1A2260013	C.CAPACITOR CH 10V 22U	1	
								2	
LB6402	J0JCC0000087	SYSTEM E TERMINAL	- 1		C467,68	ECJ0EB1E471K	C.CAPACITOR CH 25V 470P	2	
LB6403	J0JHC0000032	FILTER	1		C470	ECJ1VB0J105K	C.CAPACITOR CH 35V 1M	1	
					C480,81	ECST0GY226	T.CAPACITOR CH 4V 22U	2	
QR401	UNR9212J0L	TRANSISTOR	1		C3953	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	- 1	
QTITOT	OTT TOE TEOOL	THATAGIOTOTT	Ľ.		00000	LOUGLDIATORK	0.0Al A01101101110V 0.10	<u> </u>	
R401	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1		D3952,53	B0BC6R100014	DIODE	2	
R6402	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	- 1						
R6803	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1		FP451	K1MN57B00001	CONNECTOR	- 1	
110000	ETIDOGETOGOT	MINESISTER ON 17 TOWN 550						-:	
					FP453	K1MN33B00003	CONNECTOR	1	
S6505	K9AA01500009	SWITCH	1		FP454	K1MN05B00046	CONNECTOR	1	l l
1	1					1			
		MISCELLANEOUS	H		IC451	C0JBAS000065	IC	1	
		IVIIOOLLLAIVLOOG	-					H	
					IC452	C0ABCA000042	IC	1	
<u></u>	VWJ1449	FRONT CONNECTION FLEX	1		IC453	C0ABAA000046	IC	1	
1	VGQ4592	AWT HOLDER	1		IC480	L2ES00000006	IC	- 1	
	!	IR CUT FILTER	1		l			t i	
-	VDL0397		1		l L	L		<u> </u>	
	VGQ3306	IR PLATE SPACER R	1		JK3801	VJJ0568	DV JACK	- 1	
			1					1	
			İ		L451,52	G1C100K00019	COIL 10UH	2	
1	1					!		-	
	1	1	-		L480	G1C100K00019	COIL 10UH	1	
<u> </u>	<u> </u>	<u> </u>	L		l <u>L</u>	<u>l</u>	<u> </u>	L	<u> </u>
					LB3961	J0JBC0000052	FILTER	1	
■ E6	VEP09119A	AV JACK C.B.A.	1	(RTL)	LB3962	J0JAC0000014	FILTER	Ė	
- 20	* E1 03 113A	AV BAOK O.D.A.	<u> </u>	(1112)				<u> </u>	
	1		<u> </u>		LB3963	J0JBC0000052	FILTER	1	
I		1						l	l l
C482,83	ECST0GY226	T.CAPACITOR CH 4V 22U	2		R452	ERJ2GEJ274	M.RESISTOR CH 1/16W 270K	1	
	1		-					_	
C2501	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1		R453	ERJ2RHD472	M.RESISTOR CH 1/16W 4.7K	1	
C3951,52	ECJ0EB1E472K	C.CAPACITOR CH 25V 4700P	2		R454,55	ERJ2GEJ474	M.RESISTOR CH 1/16W 470K	2	
			1		R456	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1	
FL3952	J0MAB0000085	FILTER	-1		R457	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	-1	
1 20002	SOME DOUDOUGO		- 1		l l	!		<u> </u>	
			<u> </u>		R458	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	_ 1	
FP4971	K1MN27B00008	CONNECTOR	1		R459	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1	
FP4972	K1MN33B00003	CONNECTOR	1		R460	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	1	
			-					Η,	
FP4973	K1MN05B00028	CONNECTOR	1		R461,62	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	2	
<u> </u>	<u> </u>	<u> </u>	L		R463	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	L 1	<u> </u>
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Po	
R464,65	ERJ2GEJ474	M.RESISTOR CH 1/16W 470K	2		Q902	B1CFNG000001		+-	1
R466	ERJ2RHD472	M.RESISTOR CH 1/16W 4.7K	1		Q903	XP4601	TRANSISTOR-RESISTOR	+-	1
R467	ERJ2GEJ274	M.RESISTOR CH 1/16W 270K	1		Q904	XP1501	TRANSISTOR-RESISTOR	+	1
R469,70	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	1		Q905	B1ACGD000006 XP4601	TRANSISTOR	+	1
R486 R3961	ERJ2GE0R00 ERJ3GEY0R00	M.RESISTOR CH 1/16W 0 M.RESISTOR CH 1/16W 0	1		Q906	AF4001	TRANSISTOR-RESISTOR	1	+
110001	LI IOOGE I UNUU	W. ILGIGIOITOIT I/TOW U	- 1		QR901,02	B1GBCFNA0014	TRANSISTOR	1	2
		MISCELLANEOUS	-		QR901,02 QR903	B1GBCFNA0014 B1GBBFJN0001	TRANSISTOR	+-	1
					Q11000	GDDI 0140001		t	1
	VWJ1452	DV-MAIN FLEX	1		R901-03	ERJ2RHD821	M.RESISTOR CH 1/16W 820		3
			Ė		R904	ERJ2RHD333	M.RESISTOR CH 1/16W 33K	t	1
					R905	ERJ2RHD153	M.RESISTOR CH 1/16W 15K	t	1
					R907-09	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	t	3
					R910,11	ERJ2GEJ332	M.RESISTOR CH 1/16W 3.3K	İ	2
					R912-14	ERJ2GEJ101	M.RESISTOR CH 1/16W 100		3
■ E8	VEP26251A	MONITOR C.B.A.	1	(RTL)	R915-17	ERJ2GE0R00	M.RESISTOR CH 1/16W 0		3
					R918	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K		1
					R920	ERJ2GEJ332	M.RESISTOR CH 1/16W 3.3K		1
C901	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1		R921-23	ERJ2GEJ333	M.RESISTOR CH 1/16W 33K	+	3
C902	F3F0G476A009	T.CAPACITOR CH 4V 47U	1		R924	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	1	1
C903	F3F0J226A007	T.CAPACITOR CH6.3V 22U	1		R925	ERJ2RHD104	M.RESISTOR CH 1/16W 100K	1	1
C905	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1		R926	ERJ2GEJ332	M.RESISTOR CH 1/16W 3.3K	1	1
C906	ECJ4YB1C106V	C.CAPACITOR CH 16V 10U	1		R927	ERJ2GEJ124	M.RESISTOR CH 1/16W 120K	+	1
C907	ECST0JY335Z	T.CAPACITOR CH6.3V 3.3U	1		R928	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	+-	1
C908,09	ECJ0WB1C103K	C.CAPACITOR CH 16V 0.01U	2		R929	ERJ2GEJ122	M.RESISTOR CH 1/16W 1.2K	+	1
C910-13 C914	F1H0J474A002 ECJ0EB1A104K	T.CAPACITOR CH6.3V 0.47U C.CAPACITOR CH 10V 0.1U	1		R930,31 R932	ERJ2GEJ103 ERJ2GEJ102	M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 1K	+	1
	ECJUEBTATU4K ECJ1ZB1C104K	C.CAPACITOR CH 16V 0.1U	1		R933	ERJ2GEJ102 ERJ2GEJ333	M.RESISTOR CH 1/16W 33K	+-	1
C915 C916-19			4		R935,36	ERJ2GEJ333 ERJ2GEJ102	M.RESISTOR CH 1/16W 33K	+-	2
C916-19	1		1		R935,36	ERJ2GEJ102 ERJ2RHD182	M.RESISTOR CH 1/16W 1.8K	+	1
C923	ECJ1ZB1C104K	C.CAPACITOR CH 16V 0.1U	1		R938	ERJ2GEJ104	M.RESISTOR CH 1/16W 1.8K	+-	1
C925	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1		R939	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	t	1
C930	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	1		R940	ERJ2GEJ153	M.RESISTOR CH 1/16W 15K	t	1
C931	ECJ0EC1H330J	C.CAPACITOR CH 50V 33P	1		R941-43	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	t	3
C932	ECJ0EC1H221J	C.CAPACITOR CH 50V 220P	1		R944	ERJ2GEJ474	M.RESISTOR CH 1/16W 470K	+	1
C933	ECJ2YB1C474K	C.CAPACITOR CH 16V 0.47U	1		R945	ERJ2RHD273	M.RESISTOR CH 1/16W 27K	t	1
C934	ECJ0WB1C103K	C.CAPACITOR CH 16V 0.01U	1		R946	ERJ2RHD823	M.RESISTOR CH 1/16W 82K	t	1
C935	ECJ0EB1C682K	C.CAPACITOR CH 16V 6800P	1		R947	ERJ2RHD393	M.RESISTOR CH 1/16W 39K	ľ	1
C936,37	ECJ0EB1A104K	C.CAPACITOR CH 10V 0.1U	2		R948	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	Γ	1
C938	ECJ0EC1H101J	C.CAPACITOR CH 50V 100P	1		R951	ERJ2GEJ560	M.RESISTOR CH 1/16W 56		1
C939	1	C.CAPACITOR CH 50V 330P	1		R952	ERJ2GEJ472	M.RESISTOR CH 1/16W 4.7K		1
C940	ECJ0EC1H560J	C.CAPACITOR CH 50V 56P	1		R953	ERJ3GEYJ823	M.RESISTOR CH 1/16W 82K	1	1
C941	F1G1H100A448	C.CAPACITOR CH 50V 10P	1		R954	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	1
C942	ECJ2YB1A105K	C.CAPACITOR CH 10V 1U	1		R955	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	+-	1
C943,44	ECJ1VB1A224K	T.CAPACITOR CH 10V 0.22U	2		R956	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	+	1
C945	ECJ0EB1E332K	C.CAPACITOR CH 25V 3300P	1		R957	ERJ3RBD101	M.RESISTOR CH 1/16W 100	+-	1
C946	ECJ4YB1C106V	C.CAPACITOR CH 16V 10U	1		R958	ERJ2GEJ153	M.RESISTOR CH 1/16W 15K	+-	1
C947,48 C949	ECJ1ZB1C104K ECJ0WB1C103K	C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 16V 0.01U	1		R959 R960	ERJ2GEJ272 ERJ2GEJ223	M.RESISTOR CH 1/16W 2.7K M.RESISTOR CH 1/16W 22K	+-	1
		C.CAPACITOR CH 16V 0.010	-					+	1
C950 C951,52		C.CAPACITOR CH 16V 10	2		R961 R962	ERJ2GEJ153 ERJ2GEJ561	M.RESISTOR CH 1/16W 15K M.RESISTOR CH 1/16W 560	+	1
0301,02	20012B10104K	0.0ALAUTION OF 10V 0.10	-		R962	ERJ2GEJ561 ERJ2GEJ104	M.RESISTOR CH 1/16W 560 M.RESISTOR CH 1/16W 100K	+	1
D901	MA338	DIODE	1	MA2X338	R964	ERJ2GEJ333	M.RESISTOR CH 1/16W 100K	+	1
D901	MA6Z12100L	DIODE	1	*****	R965,66	ERJ2GEJ563	M.RESISTOR CH 1/16W 56K	t	2
D903	MA3S132D0L	DIODE	1		R967	ERJ2GEJ104	M.RESISTOR CH 1/16W 100K	+	1
D904	MA4X159A0L	DIODE	1		R968,69	ERJ2GEJ333	M.RESISTOR CH 1/16W 33K	+-	2
D905,06	B0JCEE000002	DIODE	2		R970	ERJ2GEJ562	M.RESISTOR CH 1/16W 5.6K	+-	1
D907	MA111	DIODE	1		R971	ERJ3GEYJ335	M.RESISTOR CH 1/16W 3.3M	t	1
D908	MAZ80270LL	DIODE	1		R972	ERJ2GEJ224	M.RESISTOR CH 1/16W 220K	T	1
D909	MA8043-M	DIODE	1		R973,74	ERJ8GEYJ335	M.RESISTOR CH 1/8W 3.3M	ľ	2
					R975	ERJ2GEJ223	M.RESISTOR CH 1/16W 22K	Ι	1
FP901		CONNECTOR	1		R976	ERJ3RBD681	M.RESISTOR CH 1/16W 680	L	1
FP903	K1MN21B00016	CONNECTOR	1		R977	ERJ3RED220	M.RESISTOR CH 1/16W 22	L	1
FP904	K1MN17B00015	CONNECTOR	1		R978	ERJ6GEYJ335	M.RESISTOR CH 1/10W 3.3M	4	1
FP905	K1MN06B00048	CONNECTOR	1		R979	ERJ3GEYJ224	M.RESISTOR CH 1/16W 220K	+	1
					R985,86	ERJ2RHD182	M.RESISTOR CH 1/16W 1.8K	1	2
IC901	C0HBA0000071	IC	1					1	
IC903	C0JBAB000350	IC	1		T901	ETJ09K44AZ	TRANSFORMER	+	1
IC904	C0JBAB000391	IC	1		T902	EFTU21R203	TRANSFORMER	+	1
IC905	SN74LV04APW	IC	1		14/004	ED IOOEVODO:	M DECICTOR CLL 4 4044	+	
1004.01	VII 0000714:55	0011 401111	-	010100/00001	W901	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	+	1
L901-04	VLQ0807K100	COIL 10UH	4	G1C100K00024	W902	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	+	1
L907	VLQ0426J3R3	COIL 3.3UH	1	G1C3R3J00009				+	+
Q901	B1ABCF000077	TRANSISTOR	-					+	+
Q3U1	DIADOF0000//	THANOISTON	- '					+	1
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ı	o. Part Name & I	Description Pcs	Remarks	Ref.N	lo.	lo. Part No.	No. Part No. Part Name & Description
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E9 VEP000F	A SD FLEX CARD C.I	B.A. 1 (RTI)				
					l		
3401 K1NA09E	10002 CONNECTOR	1			ł		
- F10	A FVE 4 0 5 :						
■ E10 VEP2827	A EVF-A C.B.A.	1 (RTI)		-		
C802 F1L1A22	0013 C.CAPACITOR CH	I 10V 22U 1			1	_	
FP801 K1MN19	00029 CONNECTOR	1			-		
	00039 CONNECTOR	1					
1004	2005 06"						
L881 G1C100F	0005 COIL 10U	JH 1					
Q881 B1DFCL0	10006 TRANSISTOR	1				J	
						Į	
T881 ETJ11K9	AM TRANSFORMER	1				ł	
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■ E11 VEP2230	CCD FLEX CARD (C.B.A. 1 (RTI)			l	
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C201 ECJ1VB	2104K C.CAPACITOR CH	I 16V 0.1U 1					
C202 ECST1V							
C203 ECJ1VB	104K C.CAPACITOR CH	I 16V 0.1U 1					
C204 ECST1V							
C205 ECJ1VB	C104K C.CAPACITOR CH						
	2104K C.CAPACITOR CH						
Door on the second	al Blobs						
D201-03 MA3J143	OL DIODE	3					
LB201-03 VLP0145	COIL	3					
PS201 K1KA34A	0065 CONNECTOR (MAI	LE) 1				1	
Q201-03 2SC3930	OL TRANSISTOR	3				ł	
						ļ	
R201 ERJ3GE							
	J560 M.RESISTOR CH 1 G472 M.RESISTOR CH 1					1	
R204 ERJ3GE	J560 M.RESISTOR CH 1	1/16W 56 1				İ	
	M.RESISTOR CH 1					ļ	
R206 ERJ3GE	J560 M.RESISTOR CH 1	1/10VV 56 1				ŀ	
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Panasonic

Service Manual

ORDER NO. VMD0109026C8

Service Manual

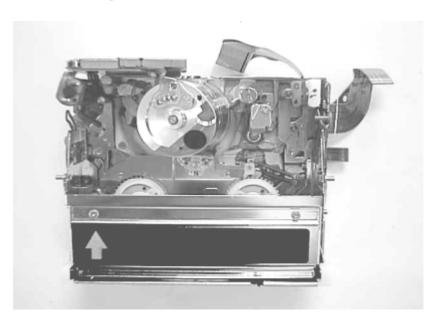
Digital Video Camera/Recorder

Panasonic Mini DY

• Q-MECHANISM

(Including Q1, Q2&Q3)

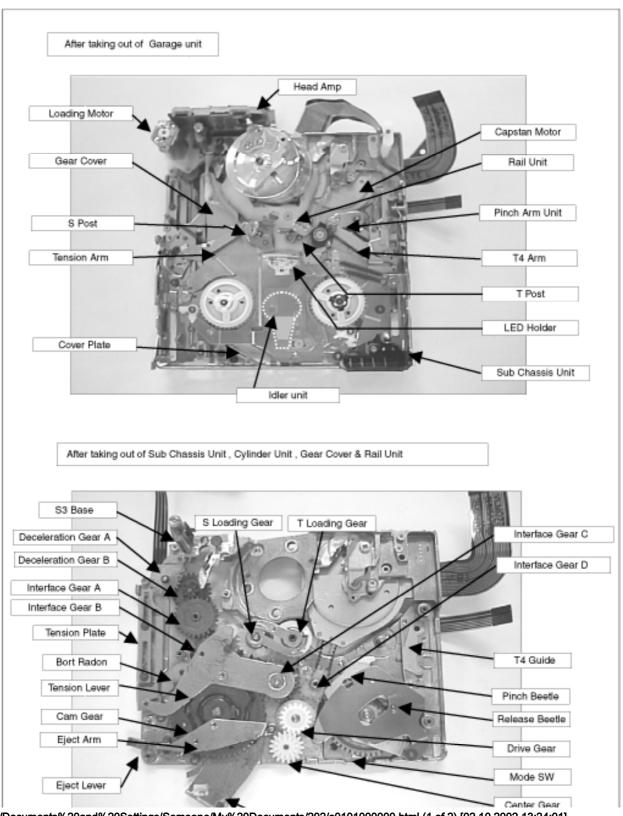
Disassembly/Assembly Procedures Adjustment Procedures



Panasonic

1.1 UPPER SIDE

TOP PREVIOUS NEXT



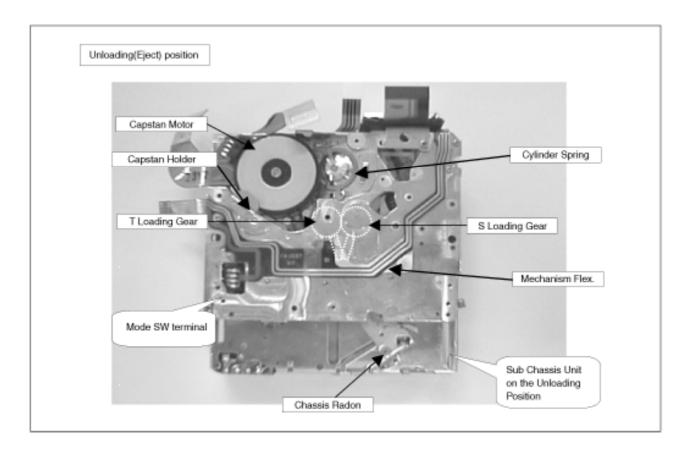
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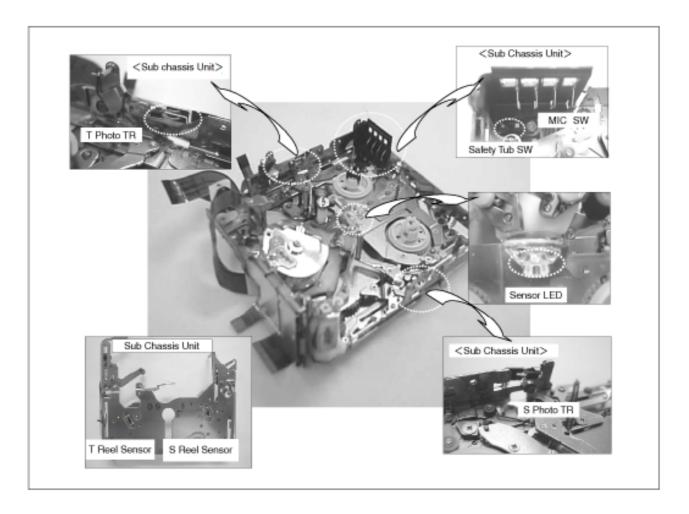
1.2 BOTTOM SIDE

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1.3 SENSOR POSITION

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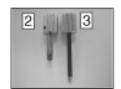


2.1 FIXTURES& TOOLS FOR DISASSEMBLY& ASSEMBLY

TOP PREVIOUS NEXT

No.	Parts number	Parts Name		New	Remarks
1	VFK1390	Precision Driver		•	
2	VFK1444	Gear Driver	1	•	
3	VFK1444Q2	Gear Driver for Q2 & Q3mecha.	1	•	
4	VFK1650	Cut Washer Jig(0.86)	1	•	
5	VFK1649	Cut Washer Jig(0.65)	1	•	
6	VFK1024	Molytone Grease	1	•	





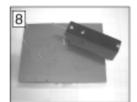




2.2 FIXTURES&TOOLS FOR MECHANICAL ADJUSTMENT

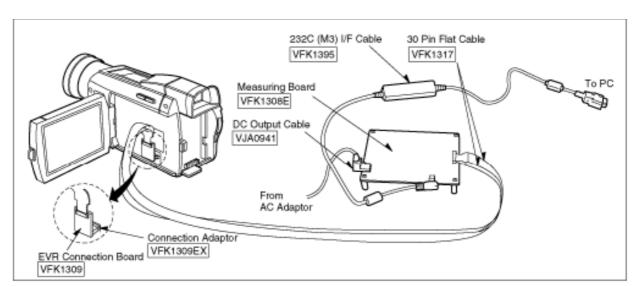
No.	Parts number	Parts Name	Q'ty	New	Remarks
7	VFK1278	Post Adjustment Driver	1	•	
8	VFK1638	Capstan Tilt Adj. Jig	1	•	
9	VFK1641	Envelope Detecor Board	1 •		
10	VFM3110EDS(PAL)	DV Alignment Tape	1		or VFM3010EDS(NTSC)
11	VFK1395	232C(M3) I/F Cable	1		"TATSUJIN" system
12	VFK1308E	Measuring Board 1 "TATSU.		"TATSUJIN" system	
13	VFK1309	EVR Connecor Board	1		"TATSUJIN" system
14	VFK1309EX	Connection Adaptor			"TATSUJIN" system
15	VFK1317	30pin Flat Cable	2		or VFK1517(New - 300mm) "TATSUJIN" system
16	VJA0941	DC Output Cable	1		"TATSUJIN" system











2.3 MAINTENANCE FOR CAPSTAN TILT ADJUSTMENT JIG.

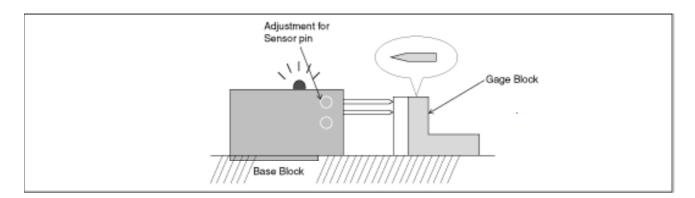
TOP PREVIOUS NEXT

1. Keep applying oil for preventive oxidation on base block.

Glove should be used when you apply oil.

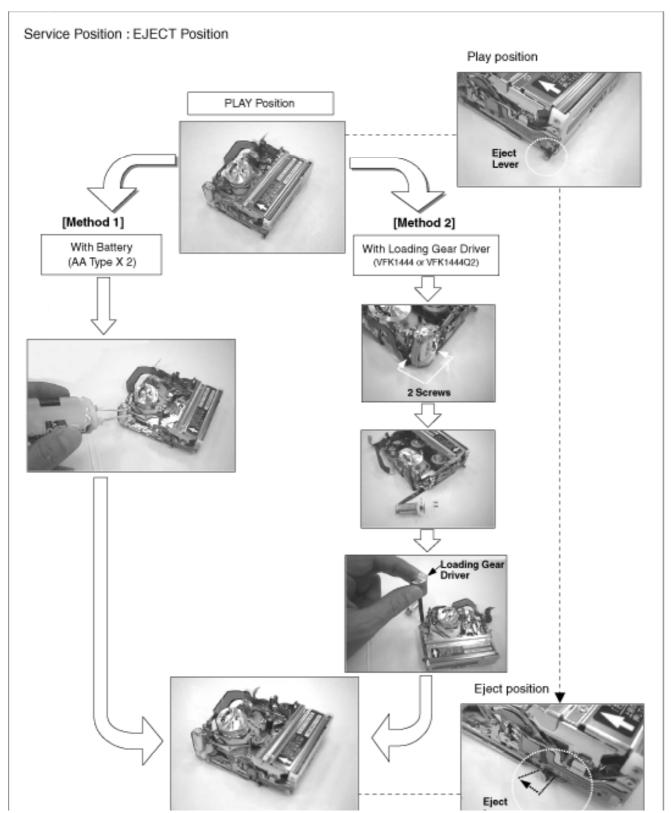
- 2. Do not apply pressure to this jig.
- 3. If Brightness of LED become weak, Battery (SUM4 X 2) in the top of box should be changed.
- 4. Inspect sensor pin regularly as following.
 - A. Put Gage Block to sensor pin.
 - B. Confirm LED is lit.

If not, adjust sensor pin by rotating a screw.

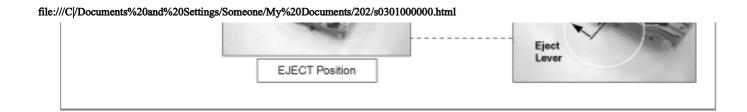


3.1 PREPARATION FOR DISASSEMBLY

TOP PREVIOUS NEXT



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3.2 DISASSEMBLY PROCEDURE

No.	Item	Fig.	Procedure
1	Cassette Up Unit.	Fig. D1-1	1) Remove 3 screws. (Q1 &2 have 4 screws)
		Fig. D1-2	2) Take coupling portion off from both S &T sides.
*2	H Amp Unit./(Only Q1 & Q2)	Fig. D2-1	1) Remove a screw from Shield case.
		Fig. D2-2	2) Take Cylinder Flex. From connector.
		Fig. D2-3	3) Remove a screw from H Amp Angle.
3	Cylinder Unit & RT Flex. Flame.	Fig. D3-1	1) Remove a screw from RT Flex. Flame.
		Fig. D3-2	2) Remove 3 screws and then take Cylinder Spring out.
		Fig. D3-3	3) Remove a screw and take RT Flex. Flame out.
4	LED Holder, Cover plate & Idler U.	Fig. D4-1	1) Pull up and remove LED Holder.
		Fig. D4-2	2) Move LED Flat Cable out of position and unhook 2 springs.
		Fig. D4-3	3) Remove 5 screws and remove Cover Plate & Idler U.
5	Sub Chassis Unit	Fig. D5-1	1) Remove 4 screws.
		Fig. D5-2	2) Remove a screw and unhook a spring from Pinch Arm.
6	Pinch Arm & Center Gear	Fig. D6-1	Remove Cut Washer and take Pinch Arm out. Take Center Gear out.
		Fig. D6-2	3) Take Center Gear Spacer out.
7	Rail Unit	Fig. D7-1	1) Make half loading until / Connection Arm comes out.
		Fig. D7-2	2) Disconnect Connection Arms. a) Hold Loading Gear side. b) Disconnect connection arms.
		Fig. D7-3	3) Remove 4 screws.
8	T-Loading Gear & S-Loading Gear	Fig. D8	Take T-Loading Gear out. Remove Cut Washer on S-Loading Gear and take S-Loading Gear out. Removed Cut Washer can not be used again.
9	Gear Cover	<u>Fig. D9</u>	1) Remove a screw and slide Gear Cover to take out.
10	Pinch Beetle & Release Beetle	Fig. D10	1) Remove a washer and take Pinch Beetle and Release Beetle out together.
11	Tension Lever & Eject Arm.	<u>Fig. D11</u>	Remove a screw and take Tension Lever out. Remove a washer and take Eject Arm out.
12	Interface Gears	Fig. D12	1) Remove 4 Gears.
13	Cam Gear	Fig. D13	1) Remove Cam Gear.

14	Chassis Radon	Fig. D14	1) Remove a washer.
15	Boat Radon	Fig. D15	1) Remove Boat radon.
16	Drive Gear	Fig. D16	1) Remove Drive Gear and a White Waher underneath.
17	Capstan Holder & Capstan Motor	Fig. D17-1	Remove 2 screws and take Capstan Holder out. It is not necessary to remove 2 screws for New Capstan Holder. Because it shapes screw.
		Fig. D17-2	2) Remove 3 screws and take Capstan Motor out downword.
18	Loading Motor unit & Mechanism Interface Flex.	Fig. D18-1	1) Remove 2 screws and take Loading Motor Unit out.
		Fig. D18-2	2) Remove 4 screws and dissolder at Mode Sw.
*19	Mode Switch, Deceleration Gears & Tension Plate.	Fig. D19	1) Take Mode Sw out. 2) Remove a washer and take Deceleration Gear (A) out. 3) Take Deceleration Gear (B) out. 4) Remove 2 washers and take Tension Plate.
*20	T4 Guide , Eject Lever , Pulley Cover & Pulley.	Fig. D20-1	1) Remove a screw and take T4 Guide out.
		Fig. D20-2	2) Remove a washer and take Eject Lever out.
		Fig. D20-3	3) Remove 2 screw and take Pulley Cover out. 4) Take Pulley out.
*21	S3 Base U.	Fig. D21	1) Remove a screw for S3 adjustment and take S3 Base U.

^{* 1)} Procedure 2 for H.Amp Unit is applied only Q1 & Q2 / mechanism. 2) Procedure 19 - 21 can be changed in order.

Fig. D1-1

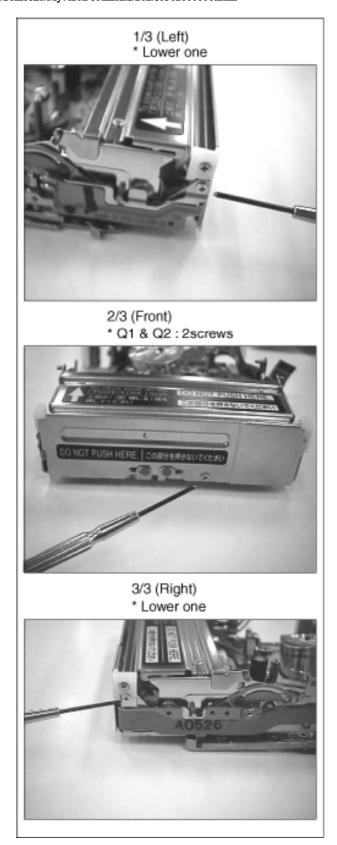


Fig. D1-2

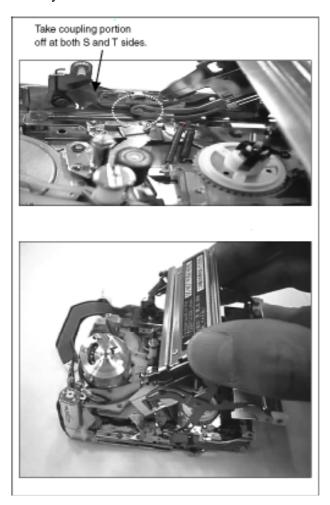


Fig. D2-1



Fig. D2-2

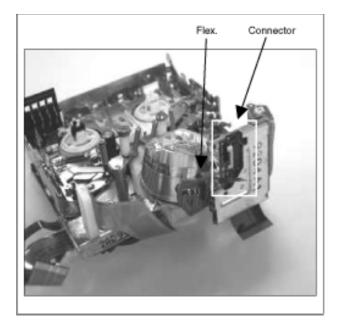


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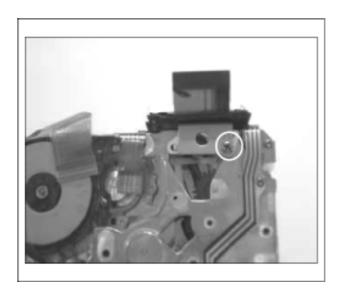


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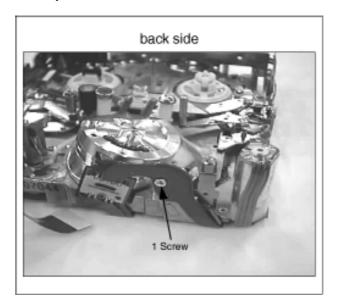


Fig. D3-2



Fig. D3-3

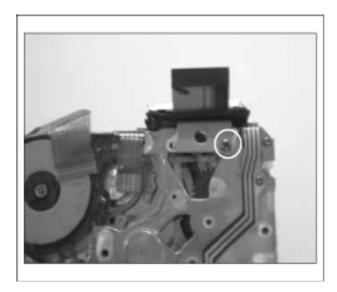


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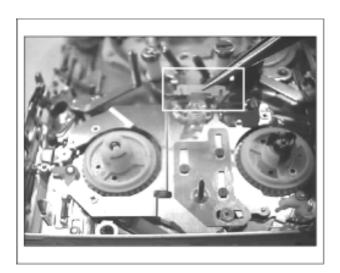


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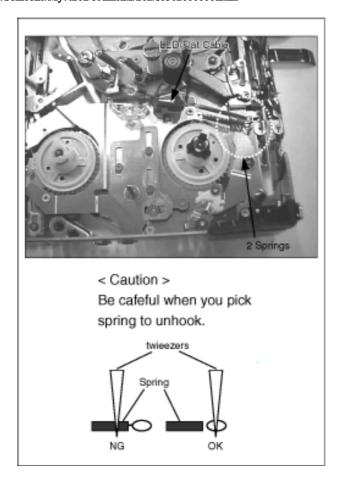


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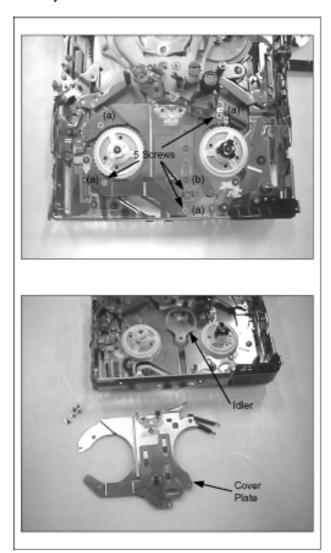


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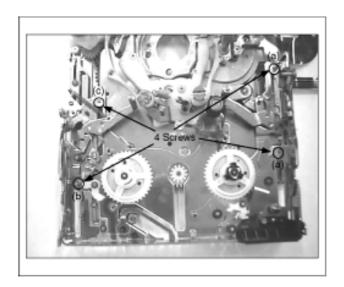


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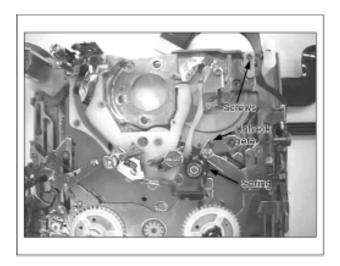


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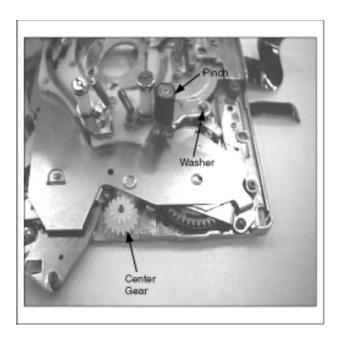


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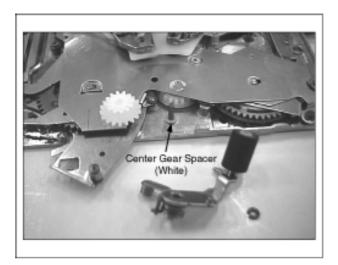


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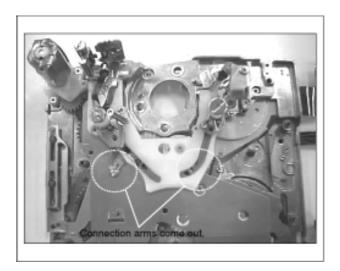


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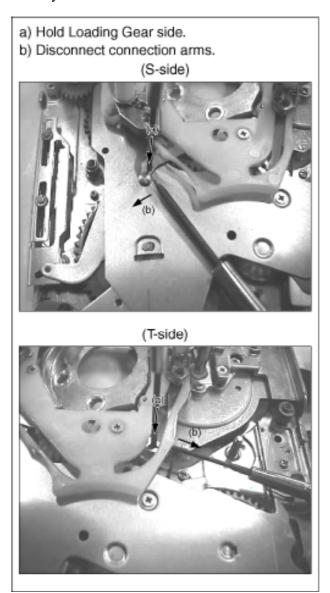


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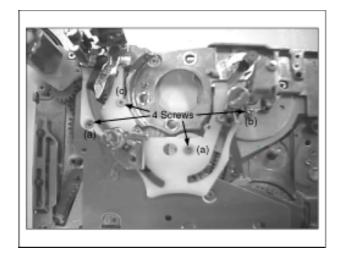


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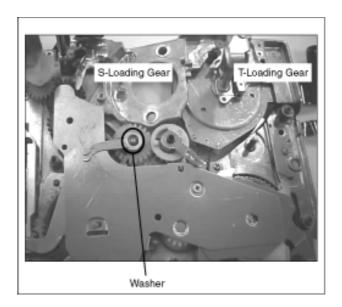


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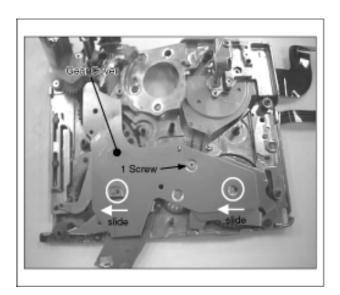


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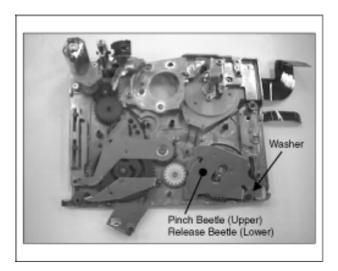


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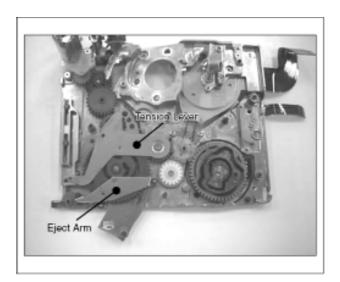


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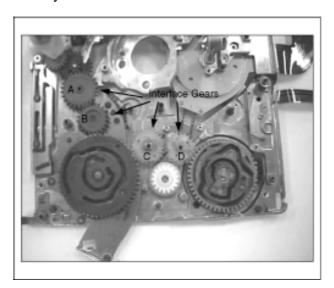


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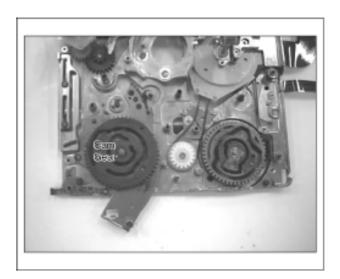


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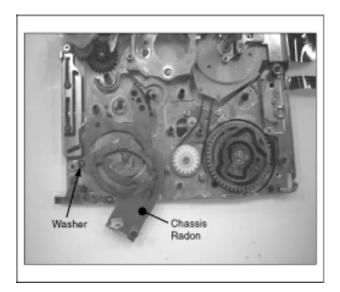


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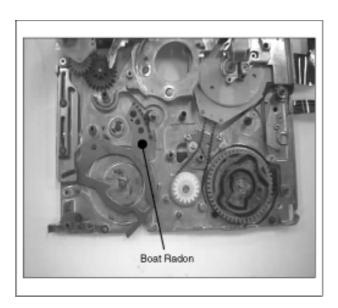


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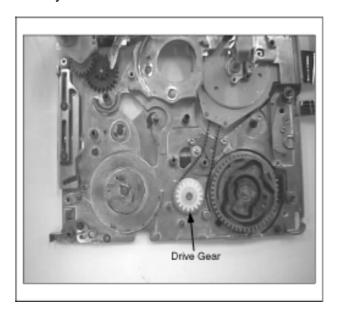


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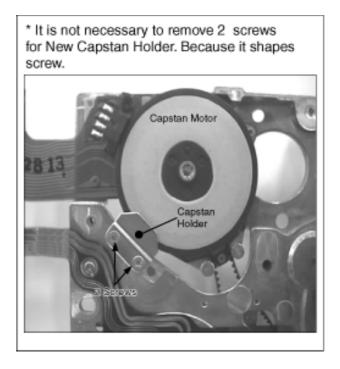


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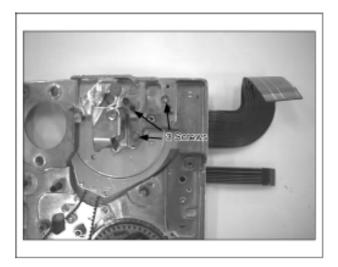


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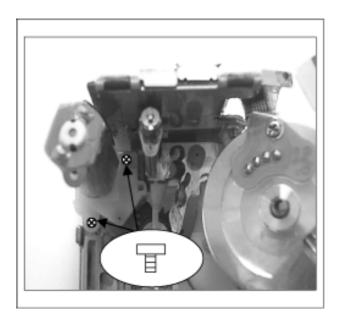


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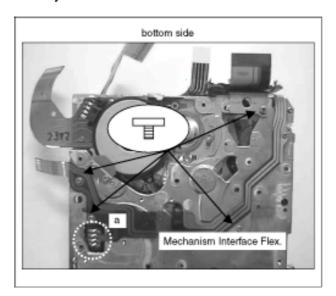


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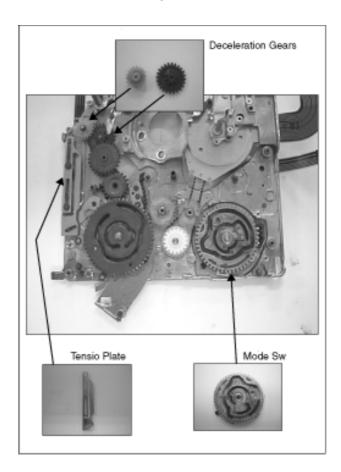


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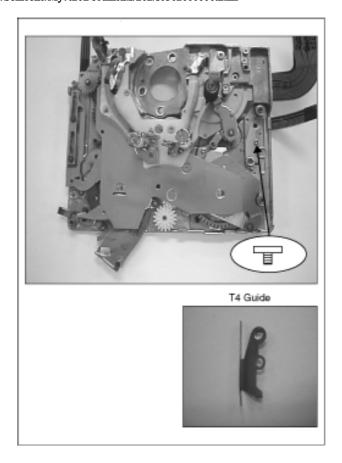


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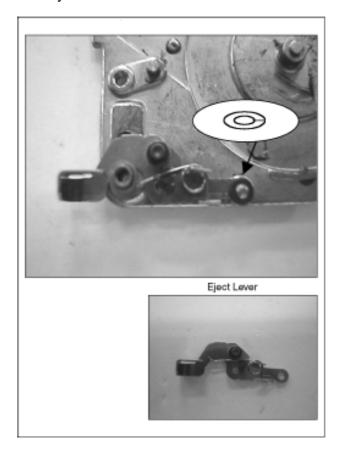


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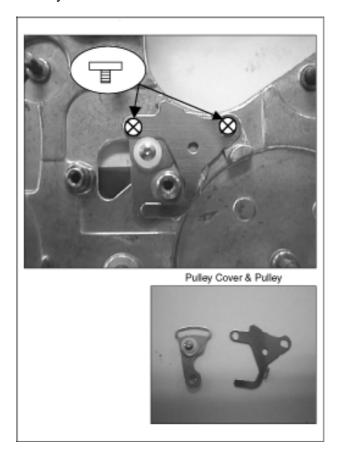
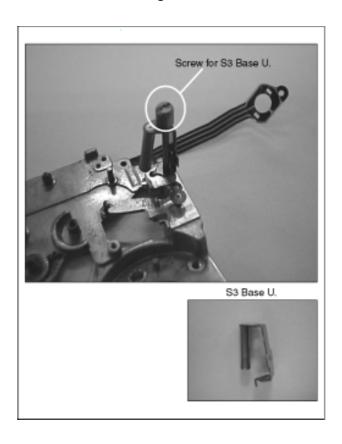


Fig. D21



4.1 ASSEMBLY PROCEDURE

TOP PREVIOUS NEXT

* 1) Procedure 20 for H.Amp Unit is applied only Q1 & Q2 mechanism.

2) Procedure 1 - 3 can be changed in order.

No.	Item	Fig.	Grease	Procedure
*1	S3 Base U.	Fig. A1		1) Put S3 Base U on and tighten a screw.
*2	T4 Guide, Eject Lever, Pulley Cover & Pulley.	Fig. A2-1	•	1) Put hole of T4 Guide to hole of chassis and tighten a screw.
		Fig. A2-2	•	2) Put Eject Lever on and a washer.
		Fig. A2-3		3) Put boss of Pulley to hole of chassis on. Hole of chassis under pulley should be visible through slit of Pulley.
		Fig. A2-4		4) Put Pulley Cover on Pulley and tighten 2 screws.
*3	Mode Switch, Deceleration Gears & Tension Plate.	Fig. A3	•	1) Put Mode Sw on.
			•	2) Put Deceleration Gear (B) on
			•	3) Put Deceleration Gear (A) on and a washer.
			•	4) Put Tension Plate on and 2 washers.
4	Loading Motor unit & Mechanism Interface Flex.	Fig. A4		1) Put Loading Motor Unit on and tighten 2 screws.
				2) Put Mechanism Interface Flex on and tighten 4 screws. After that, solder at terminal of Mode Sw.
5	Capstan Holder & Capstan Motor	Fig. A5-1		1) Put Capstan Motor on and tighten 3 screws. Timing Belt should be between Pulley and boss.
		Fig. A5-2		2) Put Capstan Holder on and tighten 2 screws.
6	Drive Gear	Fig. A6		1) Put a washer to shaft and install Drive Gear. Timing Belt should be wound around Drive Gear. After that, confirm Timing Belt and Gear are rotated together.
7	Boat Radon	Fig. A7	•	1) Put hole of Boat radon to shaft of chassis.
8	Chassis Radon	Fig. A8	•	1) Put Chassis Radon and a washer on.
9	Cam Gear	Fig. A9	•	1) Put Cam Gear on. Phase Mark should be in the same line with chassis of shaft
10	Interface Gears	Fig. A10-1	•	1) Put Interface Gear(C) & (D). Each phase mark should be in the same line.
		Fig. A10-2	•	2) Put Interface Gear(A) & (B) on.
11	Tension Lever & Eject Arm.	Fig. A11		1) Put boss of Tension Lever into slit of Cam Gear and Tension Plate, then tighten a screw.

				2) Put boss of Eject Arm into slit of Cam Gear. Put a washer on shaft of chassis.
12	Pinch Beetle & Release Beetle	Fig. A12	•	1) Put boss of Pinch Beetle into slit of Mode Sw.
				2) Put boss of Release Beetle into slit of Mode Sw.
				3) Put a washer on.
13	Gear Cover	Fig. A13		1) Keep sliding Gear Cover and put it on.
				2) Tighten a screw.
14	T-Loading Gear & S-Loading Gear	Fig. A14	•	1) Put S-Loading Gear on.
				2) Put T-Loading Gear on. Each phase mark should be in the same line.
15	Rail Unit	Fig. A15-1		1) Make half loading until Connection Arm comes out.
		Fig. A15-2		2) Connect Arm of S & T Loading Gear and Connection Arms. a) Hold Loading Gear side. b) Push Arm of S & Tloading Gear into slit of connection arms.
		Fig. A15-3		3) Tighten 4 screws.
16	Pinch Arm & Center Gear	Fig. A16-1		1) Put Center Gear Spacer on shaft of chassis.
				2) Put Center Gear on.
		Fig. A16-2	•	3) Make full loading position and put Pinch arm on, then put a washer on.
17	Sub Chassis Unit	Fig. A17-1		Make unloading position until moving Release Beetle Confirm spring is exist.
		Fig. A17-2		2) Put Sub Chassis Unit on as pre-installation.
		Fig. A17-3		3) Tighten 3 screws. Make Loading position until 1 screw position appears, then tighten a screw.
		Fig. A17-4		4) Tighten a screws at Flex Holder portion and Hook spring back to Pinch Arm.
18	LED Holder, Cover plate & Idler U.	Fig. A18-1		1) Put Idler U into shaft of Drive Gear.
		Fig. A18-2		2) Put Cover Plate on and tighten 5 screws, then hook 2 springs to 2hooking portion of Sub chassis. And also put LED Flat Cable back.
		Fig. A18-3		3) Put LED Holder back.
19	Confirmation of Mechanism movement, Cylinder Unit &	Fig. A19-1		1) Confirm loading and unloading is smooth.
	RT Flex. Flame.	Fig. A19-2		2) Put Cylinder Unit & Spring on and tighten 3 screws.
		FIg. A19-3		3) Put RT Flex. Flame on and tighten 2 screws.
*20	H Amp Unit. (Only Q1 & Q2)	Fig. A20-1		1) Put H Amp Unit on and tighten a screw at bottom of chassis.
		Fig. A20-2		2) Connect Cylinder Flex to connector.

		Fig. A20-3	3) Put Shield case on and tighten a screw.
21	Cassette Up Unit.	Fig. A21-1	 1) Put both S &T sides to coupling portion on.
		Fig. A21-2	2) Tighten 3 screws. (Q1 &2 have 4 screws)

The following parts should be applied Molyton Grease (VFK1024).



How to use washer jigs.

No. Item Fig. Procedure	
-------------------------	--

1	Washer Jigs	Fig. W1-1	1) Each Washers.
2		Fig. W1-2	1) Put a washer on tip of Jig.
3		Fig. W1-3	1) Put Jig on shaft.
4		Fig. W1-4	1) Put a washer on shaft by pressing Jig.

Fig. W1-1

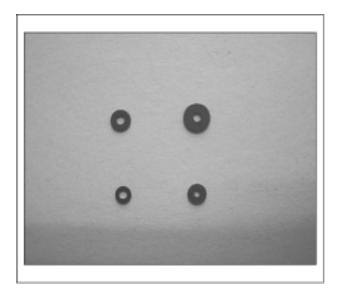


Fig. W1-2

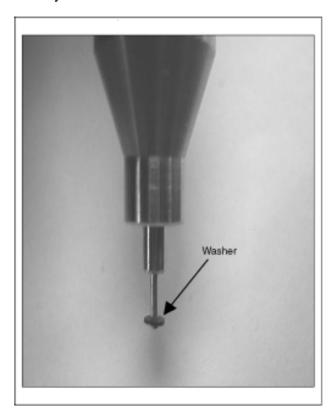


Fig. W1-3



Fig. W1-4

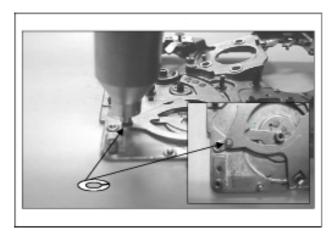


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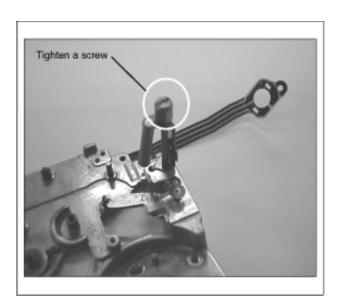


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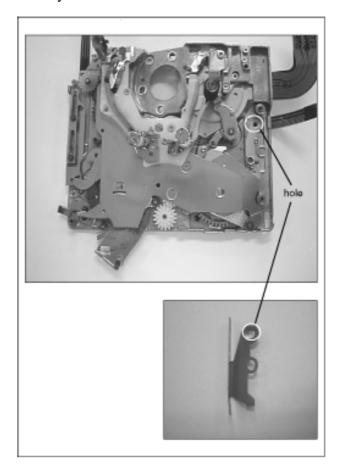


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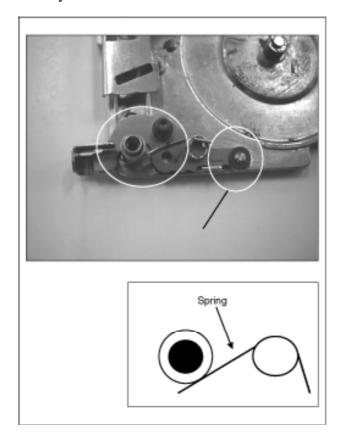


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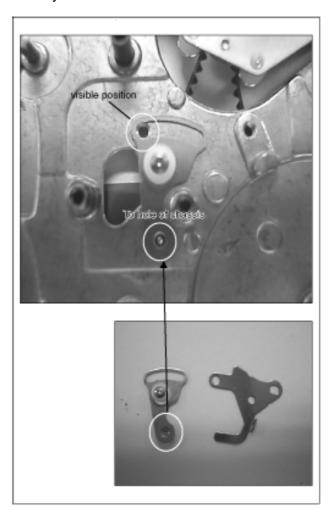


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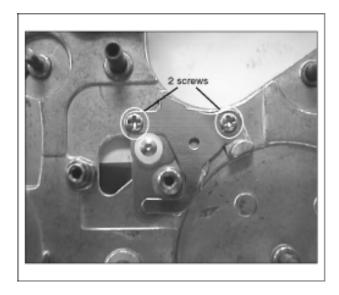


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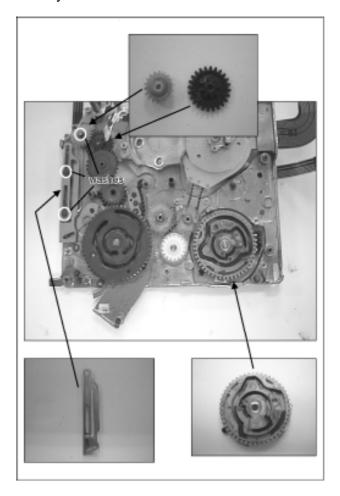


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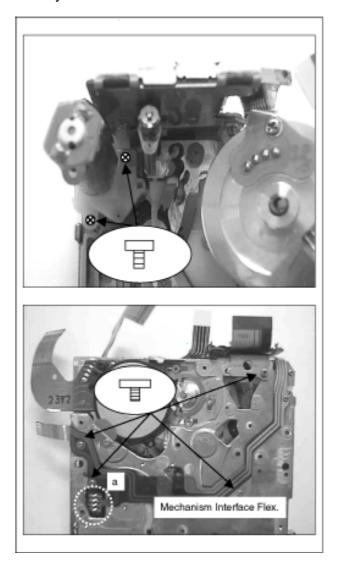


Fig. A5-1

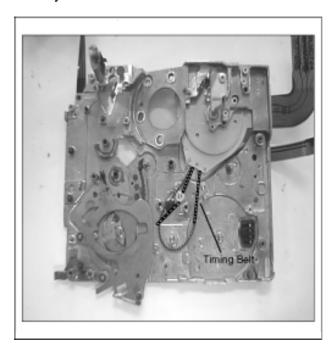


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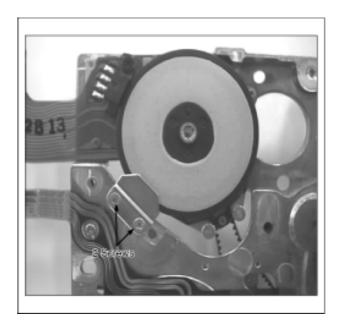


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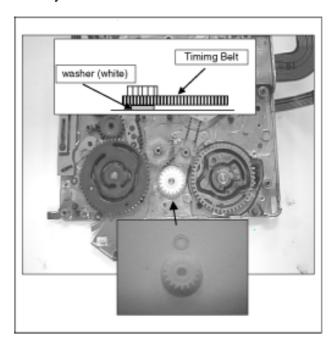


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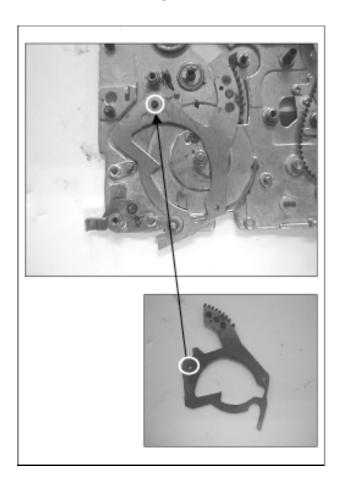


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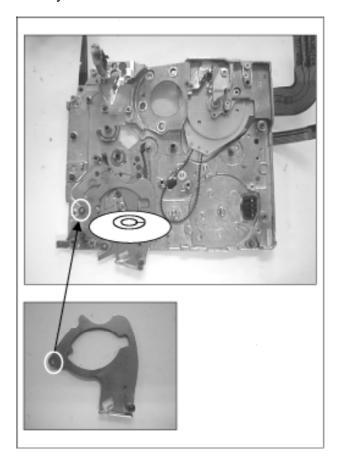


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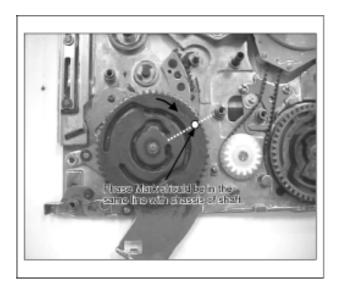


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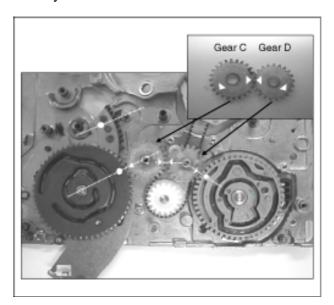


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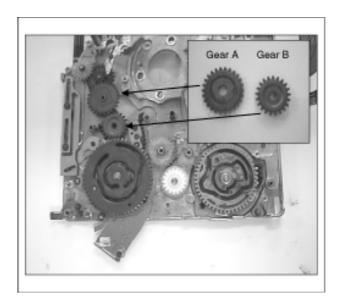


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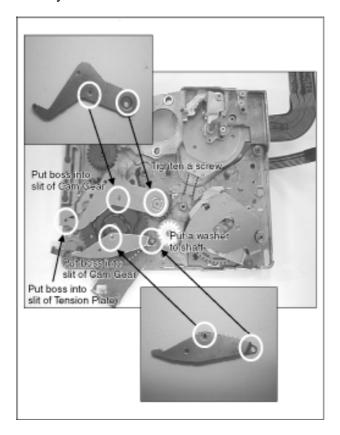


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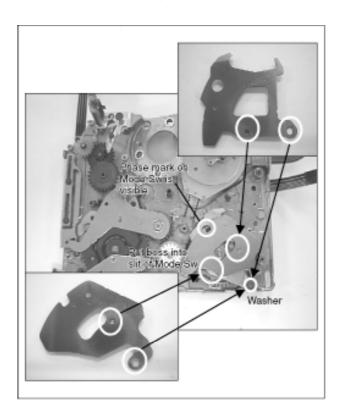


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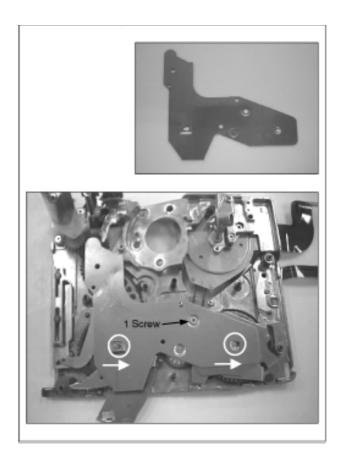


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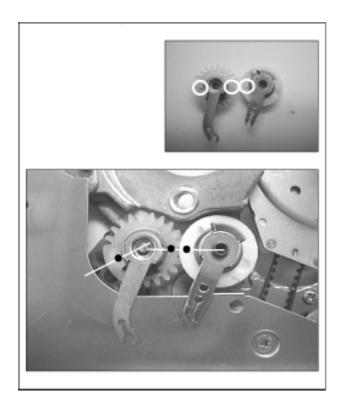


Fig. A15-1



Fig. A15-2

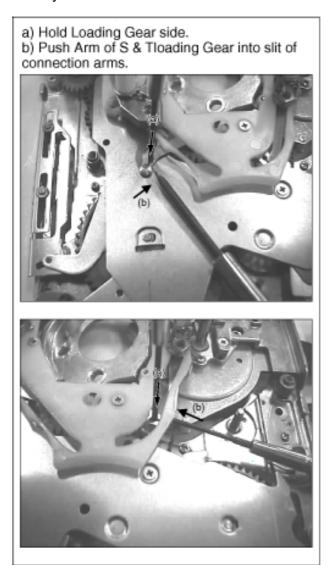


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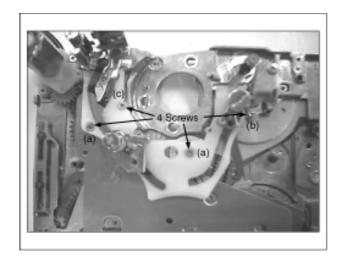


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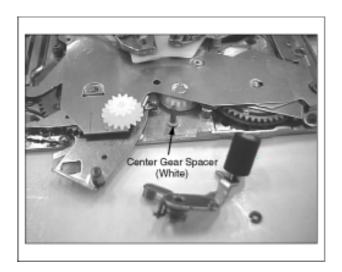


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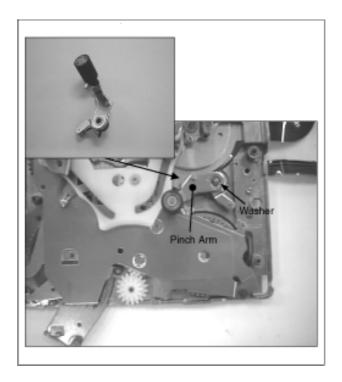


Fig. A17-1



Fig. A17-2

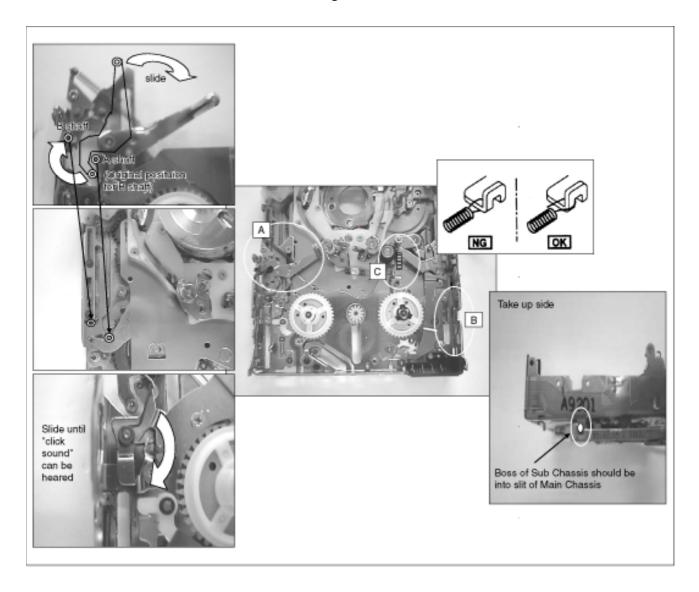


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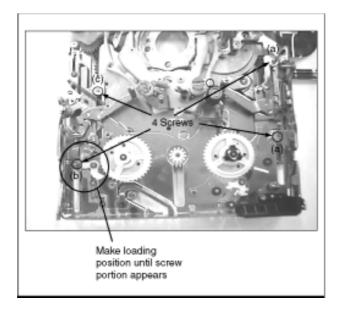


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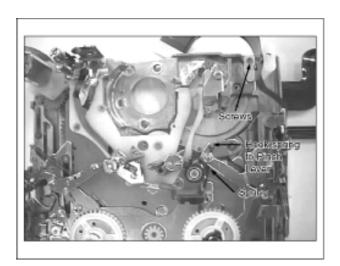


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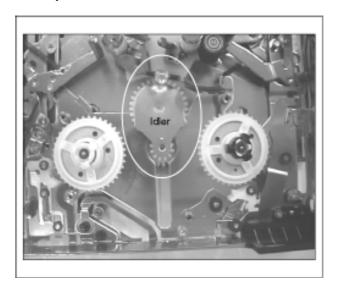


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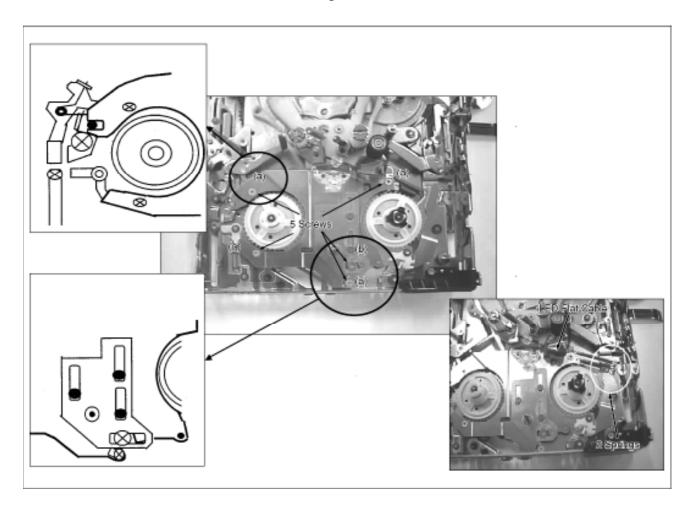


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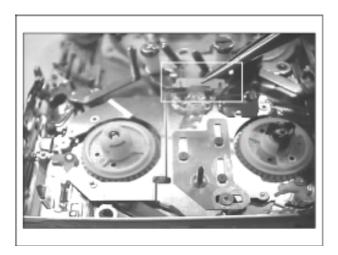


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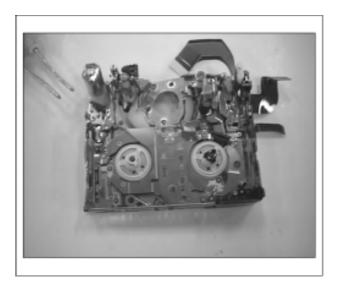


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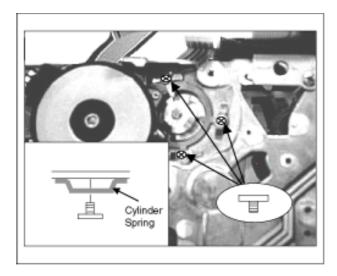


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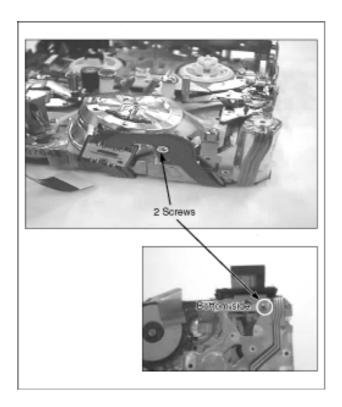


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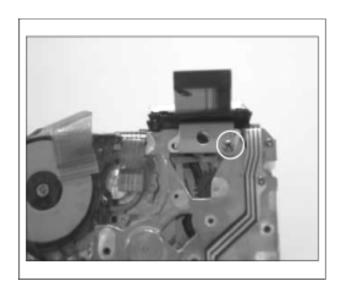


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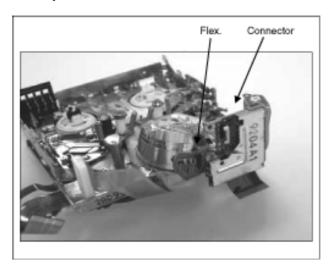


Fig. A20-3

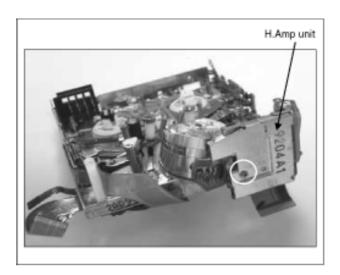


Fig. A21-1

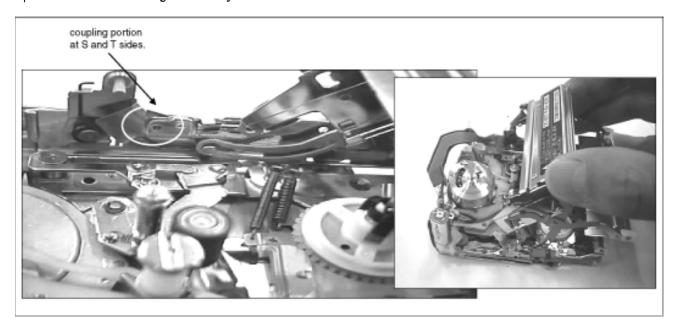


Fig. A21-2



5.1 MECHANICAL ADJUST TABLE

TOP PREVIOUS NEXT

* 1) H.Amp Unit is applied only Q1 & Q2 mechanism.

No.	Item	Confirmation of Tape Running	Linearity Adjustment	Confirmation of B.E.R. Value	Capstan tilt Adjustment	S3 Base adjustment	Sub Chassis Adjustment
1	MECHANISM CHASSIS			•			
2	Cassette Up Unit.						
*3	H Amp Unit.			•			
4	Cylinder Unit	•	•	•			
5	RT Flex. Flame.						
6	LED Holder						
7	Cover Plate						
8	Idler U.			•			
9	Sub Chassis Unit	•	•	•			•
10	Pinch Arm	•	•	•			
11	Center Gear			•			
12	Rail Unit	•	•	•			
13	S-Loading Gear			•			
14	T-Loading Gear			•			
15	Gear Cover			•			
16	Pinch Beetle			•			
17	Release Beetle			•			
18	Tension Lever	•	•	•			
19	Eject Arm						
20	Interface Gears			•			
21	Cam Gear			•			
22	Chassis Radon						
23	Boat Radon						
24	Drive Gear			•			
25	Capstan Holder						
26	Capstan Motor	•	•	•	•		
27	Loading Motor Unit					<u> </u>	<u> </u>

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28	Mechanism Interface Flex.				 	
29	Mode Switch				 	
30	Deceleration Gears			•	 	
31	Tension Plate	•	•	•	 	
32	T4 Guide				 	
33	Eject Lever				 	
34	Pulley Cover				 	
35	Pulley				 	
36	S3 Base U.	•	•	•	 •	

5.2 MECHANICAL ADJUSTMENT PROCEDURE

No.	Item	Equipment	Fig.	Procedure
1	Confirmation of Tape Running	1. Alignment Tape (PAL: VFM3110EDS/NTSC: VFM3010EDS) 2. Post Adjustment Driver(VFK1278)	Fig. AD1-1	1) Confirm each post position in playback mode.
		2. Post Adjustment Differ(VPK12/6)	Fig. AD1-2	2) Confirm condition of tape regulation in playback & review mode.
2	Linearity Adjustment	1.Tatsujin system(Refer to Fig.)	Fig. AD2-1	1) Set up Tatsujin System.
		2. Alignment Tape (PAL: VFM3110EDS/NTSC: VFM3010EDS)	Fig. AD2-2	2) Connect Envelope Detector Board between Measuring Board & Oscilloscope.
		3. Envelope Detecor Board (VFK1641)4. Post Adjustment Driver (VFK1278)		Remove Adjustment Cover. Location for Adjustment Cover depends on Models.
			Fig. AD2-3	4) Playback the Alignment Tape and adjust S2 & T3 posts by Screw Driver until wavefom becomes flat. After adjustment, B.E.R. should be confirmed by Electrial adjustment on the "Tatsujin".
3	Confirmation of B.E.R. Value	1.Tatsujin system(Refer to Fig.)	Fig. AD2-1	1) Refer to Electrical Adjustment on the "Tatsujin".
4	Capstan tilt Adjustment	ljustment 1. Capstan Tilt Adj. Jig(VFK1638) 2. Small Phillips Screw Driver	Fig. AD4-1	Slide sensor pin to Capstan shaft. After touching, if OK, LED should be lit. Do not touch when you confirm LED lit or not.
			Fig. AD4-2	2) If Ng, Capstan tilt should be adjusted. a) Tighten screw (A) until LED is lit. b) Loose screw (B) until LED is not lit. c)Tightenscrew (A) unti-clockwise until LED is lit.
5	S3 Base adjustment	Base adjustment 1. Post Adjustment Driver(VFK1278)	Fig. AD5-1	1) Adjust S3 screw as Evvelope becomes flat.
			Fig. AD5-2	 2) Tighten a screw 180 degree as "ENV 1". 3) Loosen a screw as ENV 2. 4) Tighten a screw until ENV becomes flat as ENV 3 and tighten a screw 180 degree again.
6	Sub Chassis Adjustment	1. Small Phillips Screw Driver	Fig. AD6-1	1) Make Review Position. * Set Loading mode and then, stop Pinch Roller & Capstan shaft is touched.

Fig. AD6-2
2) Loosen a screw.
After fixing a shaky Sub Chassis, then tighten a screw.

Fig. AD1-1

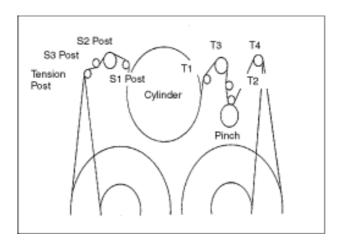


Fig. AD1-2

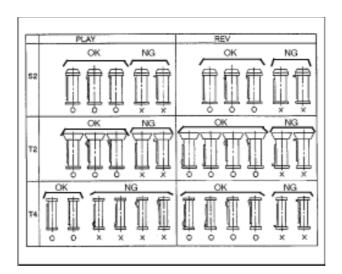


Fig. AD2-1

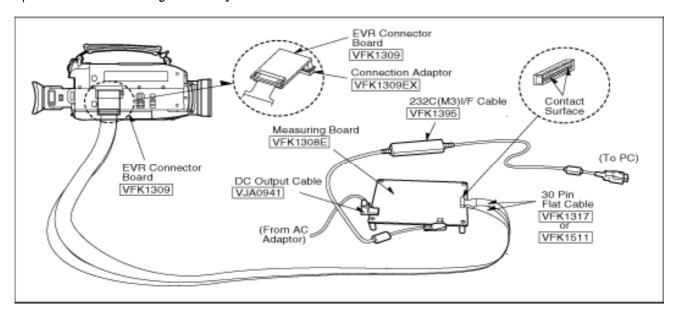


Fig. AD2-2

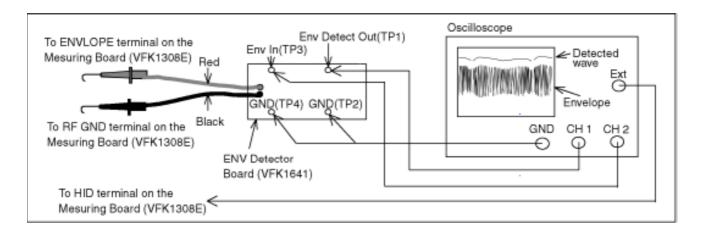


Fig. AD2-3

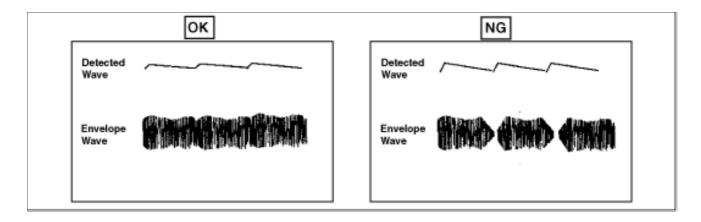


Fig. AD4-1



Fig. AD4-2

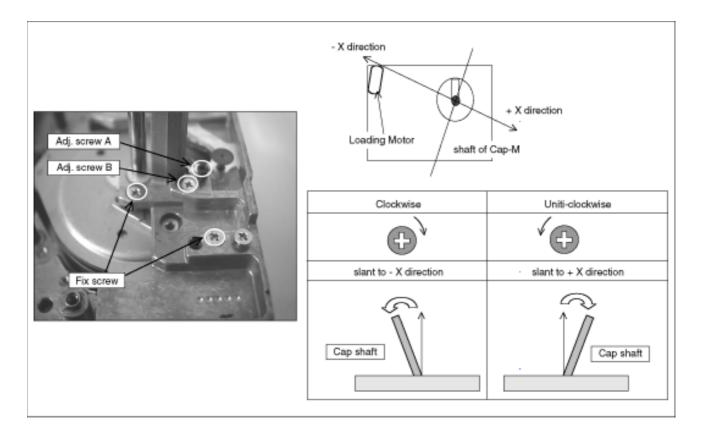


Fig. AD5-1

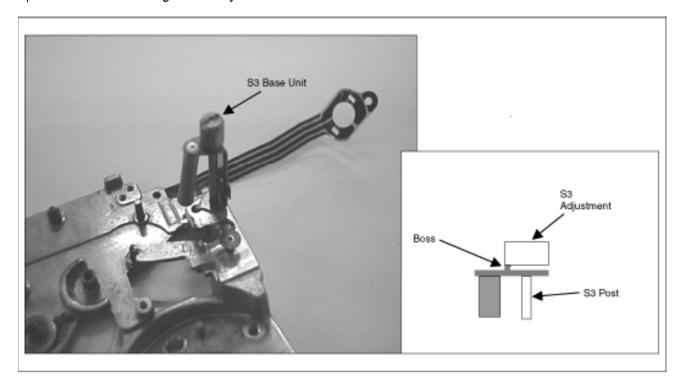


Fig. AD5-2

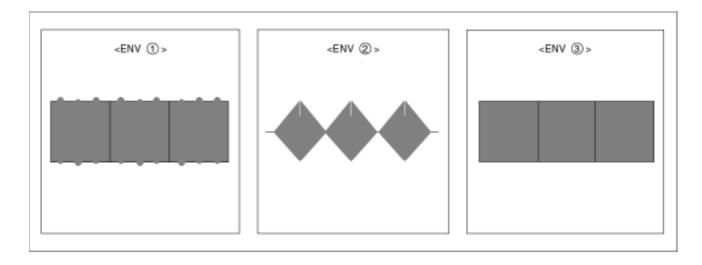


Fig. AD6-1

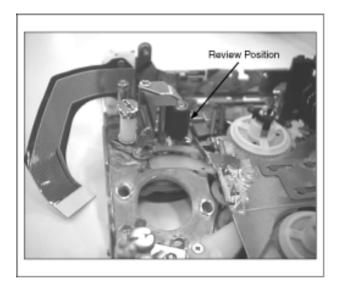
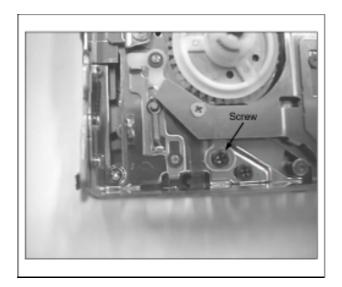


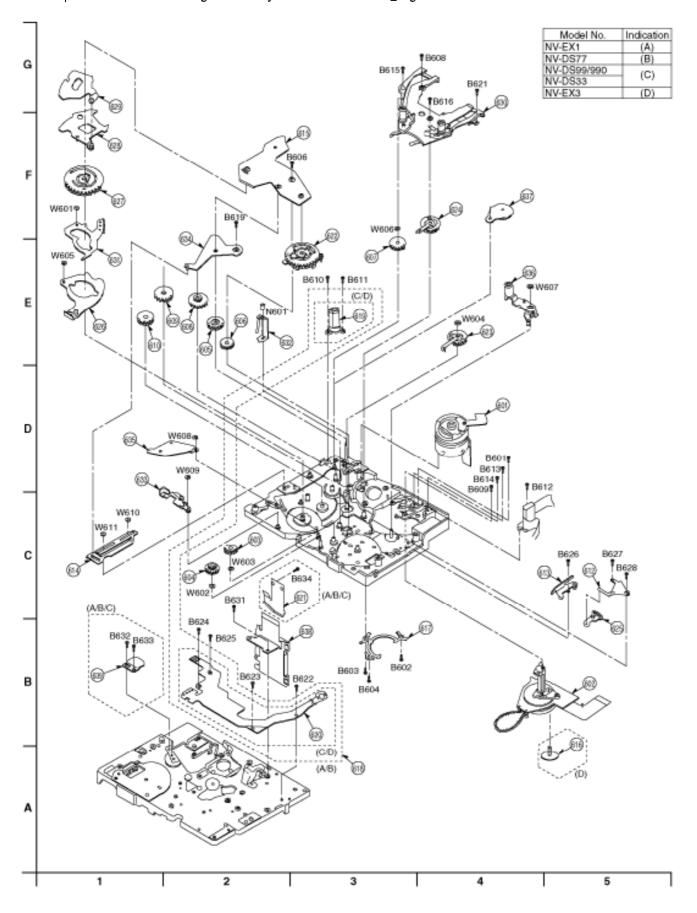
Fig. AD6-2



6.1 Q1& Q2 VCR MECHANISM SECTON (1)

TOP PREVIOUS NEXT

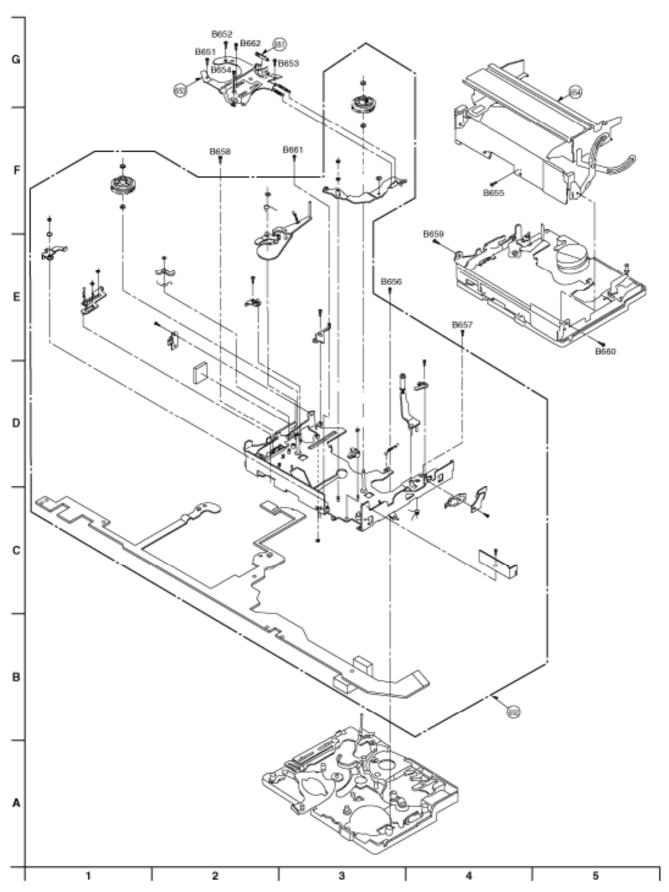




6.2 Q1& Q2 VCR MECHANISM SECTION (2)

TOP PREVIOUS NEXT



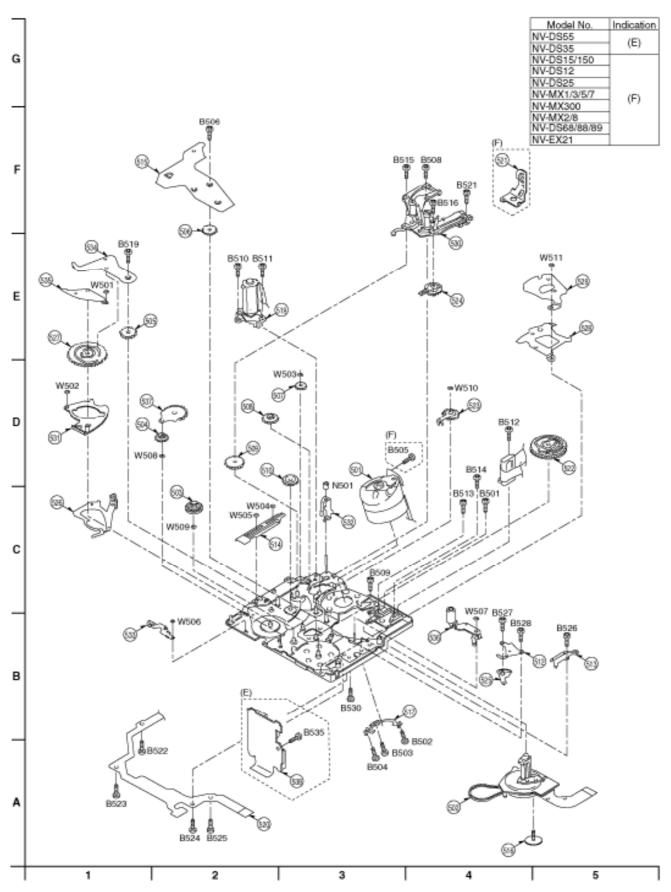


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6.3 Q3 VCR MECHANISM SECTION (1)

TOP PREVIOUS NEXT



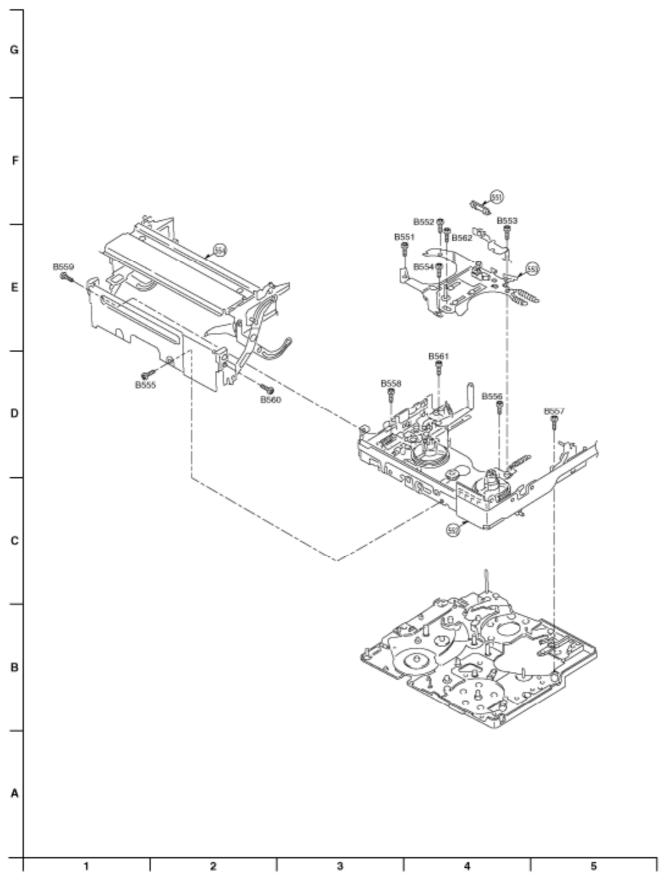


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6.4 Q3 VCR MECHANISM SECTION (2)

TOP PREVIOUS NEXT





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7.1 Q1& Q2 VCR MECHANISM SECTION (1) PARTS LIST

TOP PREVIOUS NEXT

Note: 1. *No sure to make your orders of replacement parts according to this list.

2. IMPORTANT SAPETY NOTICE:

Components identified with the mark. △ have the special characteristics for safety. When replacing

Ref. No.	Part No.	Part Name & Description	Remarks
<u>601</u>	VEG1495	CYLINDER U.	
<u>602</u>	DFX25A7VWB	CAPSTAN U.	
<u>603</u>	VDG1284	DRIVE GEAR	
<u>604</u>	VDG1285	CENTER GEAR	
<u>605</u>	VDG1290	INTERFACE GEAR (C)	
<u>606</u>	VDG1291	INTERFACE GEAR (D)	
<u>607</u>	VDG1295	DECELERATION (A)	NV-EX1,NV-DS77
607	VDG1330	DECELERATION (A)	NV-DS99/990,NV-DS33,NV-EX3
608	VDG1296	DECELERATION (B)	NV-EX1,NV-DS77
<u>608</u>	VDG1331	DECELERATION (B)	NV-DS99/990,NV-DS33,NV-EX3
<u>609</u>	VDG1297	INTERFACE GEAR (A)	
<u>610</u>	VDG1303-A	INTERFACE GEAR (B)	
<u>612</u>	VMA9908	PULLEY COVER	
<u>613</u>	VMA9916	T4 GUIDE	
<u>614</u>	VMA9917	TENSION PLATE	
<u>615</u>	VMA0E52	GEAR COVER	
<u>616</u>	VHD1430	CAPSTAN HOLDER	NV-EX3
<u>617</u>	VMC1443	CYLINDER SPRING	
<u>618</u>	L6DA8DKC0001	LOADING MOTOR U.	NV-EX1,NV-DS77
<u>619</u>	VEM0679	LOADING MOTOR U.	NV-DS99/990,NV-DS33,NV-EX3
<u>620</u>	VWJ1297	MECHANISM INTERFACE FLEX.	NV-DS99/990,NV-DS33,NV-EX3
<u>622</u>	K0ZZ00000453	MODE SWITCH	,
<u>623</u>	VXA6124	S LOAD GEAR U.	
<u>624</u>	VXA6125	T LOAD GEAR U.	

<u>625</u>	VXA6133	PULLEY COVER	
<u>626</u>	VXA6134	CHASSIS RADON U.	
<u>627</u>	VXA6135	CAM GEAR U.	
<u>628</u>	VXA6136	PINCH BEETLE	
<u>629</u>	VXA6137	RELEASE BEETLE	
<u>630</u>	VXA6138	RAIL U.	
<u>631</u>	VXA6169	BOAT RADON U.	
<u>632</u>	VXA6184	S3 BASE U.	
<u>633</u>	VXL2814	EJECT LEVER U.	
<u>634</u>	VXL2815	TENSION LEVER U.	
<u>635</u>	VXL2816	EJECT ARM U.	
<u>636</u>	VXL2897	PINCH ARM U.	
<u>637</u>	VXL2818	IDLER U.	
<u>638</u>	VYK8485	HEAD AMP U.	NV-EX1
638	VYK8244	HEAD AMP U.	NV-DS77
638	VYK8886	HEAD AMP U.	NV-DS99/990,NV-DS33
638	VYK9102	HEAD AMP U.	NV-EX3
<u>621</u>	VSC4802	SHIELD CASE	NV-EX1
621	VSC4758	SHIELD CASE	NV-DS77,NV-DS99/990,NV-DS33
<u>639</u>	VMA9926	CAPSTAN HOLDER	NV-EX1,NV-DS77,NV-DS99/990,NV-DS33
<u>B601</u>	VHD1155	SCREW	
<u>B602</u>	VHD1372	SCREW	
<u>B603</u>	VHD1372	SCREW	
<u>B604</u>	VHD1372	SCREW	
<u>B606</u>	VHD1160	SCREW	
<u>B608</u>	VHD1160	SCREW	
<u>B609</u>	VHD1406	SCREW	
<u>B610</u>	VHD1161	SCREW	
<u>B611</u>	VHD1161	SCREW	
<u>B612</u>	VHD1161	SCREW	
<u>B613</u>	VHD1161	SCREW	
	1		

<u>B615</u>	VHD1162	SCREW	
<u>B616</u>	VHD1162	SCREW	
<u>B619</u>	VHD1163	SCREW	
<u>B621</u>	XQN12+B1	SCREW	
<u>B622</u>	XQN12+A1	SCREW	
<u>B623</u>	XQN12+A1	SCREW	
<u>B624</u>	XQN12+A1	SCREW	
<u>B625</u>	XQN12+A1	SCREW	
<u>B626</u>	XQN12+A1	SCREW	
<u>B627</u>	XQN12+A12FN	SCREW	
<u>B628</u>	XQN12+A12FN	SCREW	
<u>B631</u>	XQN12+B2	SCREW	
<u>B632</u>	VHD1162	SCREW	NV-EX1,NV-DS77,NV-DS99/990,NV-DS33
<u>B633</u>	VHD1162	SCREW	NV-EX1,NV-DS77,NV-DS99/990,NV-DS33
<u>B634</u>	XQN16+B12	SCREW	NV-EX1,NV-DS77,NV-DS99/990,NV-DS33
<u>N601</u>	VHN0324	NUT	
<u>W601</u>	VMX2028	WASHER	
<u>W602</u>	VMX2751	WASHER	
<u>W603</u>	VMX2752	WASHER	
<u>W604</u>	VMX2392	WASHER	
<u>W605</u>	VMX2028	WASHER	
<u>W606</u>	VMX2028	WASHER	
<u>W607</u>	VMX2028	WASHER	
<u>W608</u>	VMX2028	WASHER	
<u>W609</u>	VMX2028	WASHER	
<u>W610</u>	VMX2028	WASHER	
<u>W611</u>	VMX2028	WASHER	

7.2 Q1& Q2 VCR MECHANISM SECTION (2) PARTS LIST

TOP PREVIOUS NEXT

Note: 1. "So sure to make your orders of replacement parts according to this list.

2. IMPORTANT SAFETY NOTICE:
Components identified with the mark: Δ. have the special characteristics for safety. When replacing

Ref. No.	Part No.	Part Name & Description	Remarks
<u>651</u>	VMD2975	LED HOLDER	
<u>652</u>	VXA6537	SUB SHASSIS U.	NV-DS99/990,NV-DS33,NV-EX3
652	VXA6146	SUB SHASSIS U.	NV-EX1,NV-DS77
<u>653</u>	VXA6151	COVER PLATE U.	
<u>654</u>	VXA6159	CASSETTE UP U.	
<u>B651</u>	VHD1162	SCREW	
<u>B652</u>	VHD1162	SCREW	
<u>B653</u>	VHD1162	SCREW	
<u>B654</u>	VHD1162	SCREW	
<u>B655</u>	VHD1207	SCREW	
<u>B656</u>	VHD1164	SCREW	
<u>B657</u>	VHD1164	SCREW	
<u>B658</u>	VHD1171	SCREW	
<u>B659</u>	VHD1314	SCREW	
<u>B660</u>	VHD1314	SCREW	
<u>B661</u>	VHD1163	SCREW	
<u>B662</u>	VHD1163	SCREW	

7.3 Q3 VCR MECHANISM SECTION (1) PARTS LIST

TOP PREVIOUS NEXT

Note: 1. "Be sure to make your orders of replacement parts according to this list.

2. IMPORTANT SAFETY MOTION

Commonstrate identified with the mark. A hours the special characteristics for earlier. When replacements identified with the mark.

Ref. No.	Part No.	Part Name & Description	Remarks
<u>501</u>	VEG1570	CYLINDER U.	NV-EX21,NV-DS68/88/89/25/12/15/150,NV-MX2/8/300/1/3/5/7
501	VEG1495	CYLINDER U.	NV-DS35/55
<u>502</u>	DFX25A7VWC	CAPSTAN U.	NV-EX21,NV-DS68/88/89/25/12/15/150,NV-MX2/8/300/1/3/5/7
502	DFX25A7VWB	CAPSTAN U.	NV-DS35/55
<u>503</u>	VDG1284	DRIVE GEAR	
<u>504</u>	VDG1285	CENTER GEAR	
<u>505</u>	VDG1290	INTERFACE GEAR (C)	
<u>506</u>	VDG1291	INTERFACE GEAR (D)	
<u>507</u>	VDG1330	DECELERATION GEAR (A)	
<u>508</u>	VDG1331	DECELERATION GEAR (B)	
<u>509</u>	VDG1297	INTERFACE GEAR (A)	
<u>510</u>	VDG1303	INTERFACE GEAR (B)	
<u>512</u>	VMA9908	PULLEY COVER	
<u>513</u>	VMA9916	T4 GUIDE	
<u>514</u>	VMA9917	TENSION PLATE	
<u>515</u>	VMA0E52	GEAR COVER	
<u>516</u>	VHD1430	CAPSTAN HOLDER	
<u>517</u>	VMC1443	CYLINDER SPRING	
<u>519</u>	VEM0679	LOADING MOTOR U.	
<u>520</u>	VWJ1297	MECHANISM INTERFACE FLEX.	
<u>521</u>	VMP6271	RT FLEX. FRAME	NV-EX21,NV-DS68/88/89/25/12/15/150,NV-MX2/8/300/1/3/5/7
<u>522</u>	K0ZZ00000453	MODE SWITCH	
<u>523</u>	VXA6124	S LOAD GEAR U.	
<u>524</u>	VXA6125	T LOAD GEAR U.	

VXA6133	PULLEY	
VXA6134	CHASSIS RADON U.	
VXA6135	CAM GEAR U.	
VXA6136	PINCH BEETLE	
VXA6137	RELEASE BEETLE	
VXA6138	RAIL U.	
VXA6169	BOAT RADON U.	
VXA6184	S3 BASE U.	
VXL2814	EJECT LEVER U.	
VXL2815	TENSION LEVER U.	
VXL2816	EJECT ARM U.	
VXL2897	PINCH ARM U.	
VXL2818	IDLER U.	
VYK8886	HEAD AMP U.	NV-DS35/55
VHD1155	SCREW	
VHD1372	SCREW	
VHD1372	SCREW	
VHD1372	SCREW	
XQN14+B1FN	SCREW	NV-EX21,NV-DS68/88/89/25/12/15/150,NV-MX2/8/300/1/3/5/7
VHD1160	SCREW	
VHD1160	SCREW	
VHD1406	SCREW	
VHD1161	SCREW	
VHD1161	SCREW	
VHD1161	SCREW	
VHD1161	SCREW	
VHD1161	SCREW	
VHD1162	SCREW	
VHD1162	SCREW	
VHD1163	SCREW	
XQN12+B1	SCREW	
XQN12+A1	SCREW	
	VXA6134 VXA6135 VXA6136 VXA6137 VXA6138 VXA6169 VXA6184 VXL2814 VXL2815 VXL2816 VXL2897 VXL2818 VYK8886 VHD1155 VHD1372 VHD1372 VHD1372 VHD1372 VHD1160 VHD1160 VHD1161 VHD1161 VHD1161 VHD1161 VHD1161 VHD1161 VHD1162 VHD1162 VHD1163 XQN12+B1	VXA6134 CHASSIS RADON U. VXA6135 CAM GEAR U. VXA6136 PINCH BEETLE VXA6137 RELEASE BEETLE VXA6138 RAIL U. VXA6169 BOAT RADON U. VXA6184 S3 BASE U. VXL2814 EJECT LEVER U. VXL2815 TENSION LEVER U. VXL2816 EJECT ARM U. VXL2818 IDLER U. VYK8886 HEAD AMP U. VHD1372 SCREW VHD1372 SCREW VHD1372 SCREW VHD1160 SCREW VHD1160 SCREW VHD1161 SCREW VHD1161 SCREW VHD1161 SCREW VHD1161 SCREW VHD1161 SCREW VHD1162 SCREW VHD1163 SCREW VHD1163 SCREW VHD1163 SCREW VHD1164 SCREW

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XQN12+A1	SCREW	
XQN12+A1	SCREW	
XQN12+A1	SCREW	
XQN12+A1	SCREW	
XQN12+A12FN	SCREW	
XQN12+A12FN	SCREW	
XQN16+B2	SCREW	
XQN16+B3	SCREW	NV-DS35/55
VHN0324	NUT	
VMX2028	WASHER	
VMX2751	WASHER	
VMX2752	WASHER	
VMX2392	WASHER	
VMX2028	WASHER	
	XQN12+A1 XQN12+A1 XQN12+A1 XQN12+A12FN XQN12+A12FN XQN16+B2 XQN16+B3 VHN0324 VMX2028	XQN12+A1 SCREW XQN12+A1 SCREW XQN12+A1 SCREW XQN12+A12FN SCREW XQN12+A12FN SCREW XQN16+B2 SCREW XQN16+B3 SCREW VHN0324 NUT VMX2028 WASHER VMX2751 WASHER VMX2752 WASHER VMX2392 WASHER

7.4 Q3 VCR MECHANISM SECTION (2) PARTS LIST

TOP PREVIOUS

Note: 1. "Be sure to make your orders of replacement parts according to this list.

2. IMPORT ANT SAFETY MOTICE:

Components identified with the mark. △ have the special characteristics for safety. When replacing any of these components, use only the same type.

Ref. No.	Part No.	Part Name & Description	Remarks
<u>551</u>	VMD2975	LED HOLDER	
<u>552</u>	VXA6537	SUB CHASSIS U.	
<u>553</u>	VXA6151	COVER PLATE U.	
<u>554</u>	VXA6159	CASSETTE UP U.	
<u>B551</u>	VHD1162	SCREW	
<u>B552</u>	VHD1162	SCREW	
<u>B553</u>	VHD1162	SCREW	
<u>B554</u>	VHD1162	SCREW	
<u>B555</u>	VHD1207	SCREW	
<u>B556</u>	VHD1164	SCREW	
<u>B557</u>	VHD1164	SCREW	
<u>B558</u>	VHD1171	SCREW	
<u>B559</u>	VHD1314	SCREW	
<u>B560</u>	VHD1314	SCREW	
<u>B561</u>	VHD1163	SCREW	
<u>B562</u>	VHD1163	SCREW	

TOP PREVIOUS